



**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE
AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR**

Department of Computer Science

PROJECT REPORT

TYBSC-COMPUTER SCIENCE

Academic Year 2022-2023

Prepared by

**Department of Computer Science
Sonopant Dandekar Arts, V.S. Apte Commerce and
M.H. Mehta Science College, Palghar**

INDEX

Sr. No.	Content
1	Notice for Project Submission
2	Curriculum where course (subject where project work/ field work is required)
3	List Learners with Project titles
4	Sample Projects



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts,
V. S. Apte Commerce &
M. H. Mehta Science College, Palghar

Estb.: 14 August 1968

Dr. Kiran Save, Principal

Kharekuran Road, Palghar (W), Tal. & Dist. Palghar,
Maharashtra - 401 404, INDIA
Tel. : +91 - 2525 - 252163
Principal : +91 - 2525 - 252317
Email : sdsmcollege@yahoo.com
Web. : www.sdsmcollege.com

Ref No.:

Date : 21/02/2023

Notice

Department of Computer Science

This is to inform you that all the **Third Year Bachelor of Computer Science, Sem.VI** students are required to submit the hard copy of your project report as per below schedule. All submissions should be made to the **Computer Science Laboratory, BMS Building, Ground Floor** during office hours from 10.00 am to 01.30 pm. on dated – 01/03/2023 Ensure your report is properly written.

M. H. Mehta
Head of the Department
Department of Computer
Science

Kiran Save
Dr. Kiran J. Save
Principal

PRINCIPAL
Sonopant Dandekar Arts College,
V.S. Apte Commerce College &
M.H. Mehta Science College
PALGHAR (W.R.)
Dist. Palghar, Pin-401404

UNIVERSITY OF MUMBAI

No. UG/63 of 2018-19

CIRCULAR:-

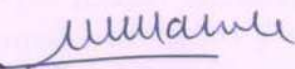
Attention of the Principals of the affiliated Colleges and Directors of the recognized Institutions in Science & Technology Faculty is invited to this office Circular Nos. UG/108 of 2017-18, dated 27th July, 2017 relating to syllabus of the Bachelor of Science (B.Sc.) degree course.

They are hereby informed that the recommendations made by the Ad-hoc Board of Studies in Computer Science at its meeting held on 10th May, 2018 have been accepted by the Academic Council at its meeting held on 14th June, 2018 vide item No. 4.40 and that in accordance therewith, the revised syllabus as per the (CBCS) for the T.Y.B.Sc. in Computer Science (Sem - V & VI), has been brought into force with effect from the academic year 2018-19, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032

6th July, 2018

To



(Dr. Dinesh Kamble)
I/c REGISTRAR

The Principals of the affiliated Colleges & Directors of the recognized Institutions in Science & Technology Faculty. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C./4.40/14/06/2018

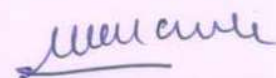
No. UG/ 63 -A of 2018

MUMBAI-400 032

6th July, 2018

Copy forwarded with Compliments for information to:-

- 1) The I/c Dean, Faculty of Science & Technology,
- 2) The Chairman, Ad-hoc Board of Studies in Computer Science,
- 3) The Director, Board of Examinations and Evaluation,
- 4) The Director, Board of Students Development,
- 5) The Co-Ordinator, University Computerization Centre,



(Dr. Dinesh Kamble)
I/c REGISTRAR

Academic Council

Item No: _____

UNIVERSITY OF MUMBAI



Syllabus for Sem V & VI
Program: Bachelor of Science
Course: Computer Science

Credit Based Semester and Grading System with
effect from
Academic Year 2018-2019

Preamble

This is the third year curriculum in the subject of Computer Science. The revised structure is designed to transform students into technically competent, socially responsible and ethical Computer Science professionals. In these Semesters we have made the advancements in the subject based on the previous Semesters Knowledge.

In the first year basic foundation of important skills required for software development is laid. Second year of this course is about studying core computer science subjects. The third year is the further advancement which covers developing capabilities to design formulations of computing models and its applications in diverse areas.

The proposed curriculum contains two semesters, each Semester contains two Electives: Elective-I and II. Every Elective contains three papers based on specific areas of Computer Science. It also includes one Skill Enhancement paper per semester, helps the student to evaluate his/her computer science domain specific skills and also to meet industry expectations. This revised curriculum has not only taken the specific areas of computer science into consideration but will also give the opportunity to the student to prove his/her ability in the subject practically through the Project Implementation. In Semester V and Semester VI student has to undertake a Project. It can boost his/her confidence and also can encourage the student to perform innovations in the subject as the choice of the Project topic is kept open covering most of the areas of Computer Science subject as per the students interest and the subject they have learned during the Course.

Proposed Curriculum contains challenging and varied subjects aligned with the current trend with the introduction of Machine Intelligence specific subject such as Artificial Intelligence, Information Retrieval. Data Management related subjects such as Cloud Computing and Data Science. Image processing topics such as Game Programming, Digital Image Processing. Introduction of physical world through Architecting of IoT and Wireless Sensor Networks and Mobile Communication. Security domain is also evolved by the introduction of Ethical Hacking, Cyber Forensic and Information and Network Security. To get the hands on experience Linux Server Administration and Web Services topics are included.

In essence, the objective of this syllabus is to create a pool of technologically savvy, theoretically strong, innovatively skilled and ethically responsible generation of computer science professionals. Hope that the teacher and student community of University of Mumbai will accept and appreciate the efforts.

T.Y.B.Sc. (Semester V and VI)
Computer Science Syllabus
Credit Based Semester and Grading System
To be implemented from the Academic year 2018-2019

SEMESTER V			
Course	TOPICS	Credits	L / Week
	Elective-I (Select Any Two)		
USCS501	Artificial Intelligence	3	3
USCS502	Linux Server Administration	3	3
USCS503	Software Testing and Quality Assurance	3	3
	Elective-II (Select Any Two)		
USCS504	Information and Network Security	3	3
USCS505	Architecting of IoT	3	3
USCS506	Web Services	3	3
	Skill Enhancement		
USCS507	Game Programming	2	3
	Practical		
USCSP501	Practical of Elective-I	2	6
USCSP502	Practical of Elective-II	2	6
USCSP503	Project Implementation	1	3
USCSP504	Practical of Skill Enhancement : USCS507	1	3

SEMESTER VI			
Course	TOPICS	Credits	L / Week
	Elective-I (Select Any Two)		
USCS601	Wireless Sensor Networks and Mobile Communication	3	3
USCS602	Cloud Computing	3	3
USCS603	Cyber Forensics	3	3
	Elective-II (Select Any Two)		

USCS604	Information Retrieval	3	3
USCS605	Digital Image Processing	3	3
USCS606	Data Science	3	3
	Skill Enhancement		
USCS607	Ethical Hacking	2	3
	Practical		
USCSP601	Practical of Elective-I	2	6
USCSP602	Practical of Elective-II	2	6
USCSP603	Project Implementation	1	3
USCSP604	Practical of Skill Enhancement : USCS607	1	3

Suggested List of Practical – SEMESTER VI

Course: USCSP601	(Credits : 02 Lectures/Week:06) Practical of Elective-I	
USCS601: Wireless Sensor Networks and Mobile Communication		
<p><i>Practical experiments require software tools like INET Framework for OMNeT++, NetSim , TOSSIM, Cisco packet tracer 6.0 and higher version.</i></p> <ol style="list-style-type: none"> 1. Understanding the Sensor Node Hardware. (For Eg. Sensors, Nodes(Sensor mote), Base Station, Graphical User Interface.) 2. Exploring and understanding TinyOS computational concepts:- Events, Commands and Task. <ul style="list-style-type: none"> - nesC model - nesC Components 3. Understanding TOSSIM for <ul style="list-style-type: none"> - Mote-mote radio communication - Mote-PC serial communication 4. Create and simulate a simple adhoc network 5. Understanding, Reading and Analyzing Routing Table of a network. 6. Create a basic MANET implementation simulation for Packet animation and Packet Trace. 7. Implement a Wireless sensor network simulation. 8. Create MAC protocol simulation implementation for wireless sensor Network. 9. Simulate Mobile Adhoc Network with Directional Antenna 10. Create a mobile network using Cell Tower, Central Office Server, Web browser and Web Server. Simulate connection between them. 		
USCS602: Cloud Computing		
<ol style="list-style-type: none"> 1. Study and implementation of Infrastructure as a Service. 2. Installation and Configuration of virtualization using KVM. 3. Study and implementation of Infrastructure as a Service 4. Study and implementation of Storage as a Service 5. Study and implementation of identity management 6. Study Cloud Security management 		

7. Write a program for web feed.
8. Study and implementation of Single-Sign-On.
9. User Management in Cloud.
10. Case study on Amazon EC2/Microsoft Azure/Google Cloud Platform

USCS603: Cyber Forensics

1. Creating a Forensic Image using FTK Imager/Encase Imager :
 - Creating Forensic Image
 - Check Integrity of Data
 - Analyze Forensic Image
2. Data Acquisition:
 - Perform data acquisition using:
 - USB Write Blocker + Encase Imager
 - SATA Write Blocker + Encase Imager
 - Falcon Imaging Device
3. Forensics Case Study:
 - Solve the Case study (image file) provide in lab using Encase Investigator or Autopsy
4. Capturing and analyzing network packets using Wireshark (Fundamentals) :
 - Identification the live network
 - Capture Packets
 - Analyze the captured packets
5. Analyze the packets provided in lab and solve the questions using Wireshark :
 - What web server software is used by www.snopes.com?
 - About what cell phone problem is the client concerned?
 - According to Zillow, what instrument will Ryan learn to play?
 - How many web servers are running Apache?
 - What hosts (IP addresses) think that jokes are more entertaining when they are explained?
6. Using Sysinternals tools for Network Tracking and Process Monitoring :
 - Check Sysinternals tools

- Monitor Live Processes
- Capture RAM
- Capture TCP/UDP packets
- Monitor Hard Disk
- Monitor Virtual Memory
- Monitor Cache Memory
- 7. Recovering and Inspecting deleted files
 - Check for Deleted Files
 - Recover the Deleted Files
 - Analyzing and Inspecting the recovered files

Perform this using recovery option in ENCASE and also Perform manually through command line
- 8. Acquisition of Cell phones and Mobile devices
- 9. Email Forensics
 - Mail Service Providers
 - Email protocols
 - Recovering emails
 - Analyzing email header
- 10. Web Browser Forensics
 - Web Browser working
 - Forensics activities on browser
 - Cache / Cookies analysis
 - Last Internet activity

Course:	(Credits : 02 Lectures/Week:06)	
USCSP602	Practical of Elective-II	
USCS604: Information Retrieval		
<i>Practical may be done using software/tools like Python / Java / Hadoop</i>		
<ol style="list-style-type: none"> 1. Write a program to demonstrate bitwise operation. 2. Implement Page Rank Algorithm. 3. Implement Dynamic programming algorithm for computing the edit distance between 		

strings s1 and s2. (Hint. Levenshtein Distance)

4. Write a program to Compute Similarity between two text documents.
5. Write a map-reduce program to count the number of occurrences of each alphabetic character in the given dataset. The count for each letter should be case-insensitive (i.e., include both upper-case and lower-case versions of the letter; Ignore non-alphabetic characters).
6. Implement a basic IR system using Lucene.
7. Write a program for Pre-processing of a Text Document: stop word removal.
8. Write a program for mining Twitter to identify tweets for a specific period and identify trends and named entities.
9. Write a program to implement simple web crawler.
10. Write a program to parse XML text, generate Web graph and compute topic specific page rank.

USCS605: Digital Image Processing

Practical need to be performed using Scilab under Linux or Windows

1. 2D Linear Convolution, Circular Convolution between two 2D matrices
2. Circular Convolution expressed as linear convolution plus alias
3. Linear Cross correlation of a 2D matrix, Circular correlation between two signals and Linear auto correlation of a 2D matrix, Linear Cross correlation of a 2D matrix
4. DFT of 4x4 gray scale image
5. Compute discrete cosine transform, Program to perform KL transform for the given 2D matrix
6. Brightness enhancement of an image, Contrast Manipulation, image negative
7. Perform threshold operation, perform gray level slicing without background
8. Image Segmentation
9. Image Compression
10. Binary Image Processing and Colour Image processing

USCS606:Data Science

Practical shall be performed using R

1. Practical of Data collection, Data curation and management for Unstructured data (NoSQL)

2. Practical of Data collection, Data curation and management for Large-scale Data system (such as MongoDB)
3. Practical of Principal Component Analysis
4. Practical of Clustering
5. Practical of Time-series forecasting
6. Practical of Simple/Multiple Linear Regression
7. Practical of Logistics Regression
8. Practical of Hypothesis testing
9. Practical of Analysis of Variance
10. Practical of Decision Tree

Course:
USCSP603

(Credits : 01 Lectures/Week: 03)
Project Implementation

Please Refer to Project Implementation Guidelines

Course:
USCSP604

(Credits : 01 Lectures/Week: 03)
Practical of Skill Enhancement

USCS607 : Ethical Hacking

1. Use Google and Whois for Reconnaissance
2. a) Use CrypTool to encrypt and decrypt passwords using RC4 algorithm
b) Use Cain and Abel for cracking Windows account password using Dictionary attack and to decode wireless network passwords
3. a) Run and analyze the output of following commands in Linux – ifconfig, ping, netstat, traceroute
b) Perform ARP Poisoning in Windows
4. Use NMap scanner to perform port scanning of various forms – ACK, SYN, FIN, NULL, XMAS
5. a) Use Wireshark (Sniffer) to capture network traffic and analyze
b) Use Nemesy to launch DoS attack
6. Simulate persistent cross-site scripting attack
7. Session impersonation using Firefox and Tamper Data add-on

8. Perform SQL injection attack
9. Create a simple keylogger using python
10. Using Metasploit to exploit (Kali Linux)

Project Implementation Guidelines

1. A learner is expected to carry out two different projects: one in Semester V and another in Semester VI.
2. A learner can choose any topic which is covered in Semester I- semester VI or any other topic with the prior approval from head of the department/ project in charge.
3. The Project has to be performed individually.
4. A learner is expected to devote around three months of efforts in the project.
5. The project can be application oriented/web-based/database/research based.
6. It has to be an implemented work; just theoretical study will not be acceptable.
7. A learner can choose any programming language, computational techniques and tools which have been covered during BSc course or any other with the prior permission of head of the department/ project guide.
8. A project guide should be assigned to a learner. He/she will assign a schedule for the project and hand it over to a learner. The guide should oversee the project progress on a weekly basis by considering the workload of 3 lectures as assigned.
9. The quality of the project will be evaluated based on the novelty of the topic, scope of the work, relevance to the computer science, adoption of emerging techniques/technologies and its real-world application.
10. A learner has to maintain a project report with the following subsections
 - a) Title Page
 - b) Certificate

A certificate should contain the following information –

- The fact that the student has successfully completed the project as per the syllabus and that it forms a part of the requirements for completing the BSc degree in computer science of University of Mumbai.
- The name of the student and the project guide
- The academic year in which the project is done
- Date of submission,
- Signature of the project guide and the head of the department with date along with the department stamp,

Project Implementation	USCSP503/ USCSP603	**Project Evaluation Scheme	50M
Skill Enhancement	USCSP504/ USCSP604	Experiment-40+Journal:5+viva-5 Total-50M	50M
Total Marks			300M

(Certified Journal is compulsory for appearing at the time of Practical Examination)

****Project Evaluation Scheme:**

Presentation	Working of the Project	Quality of the Project	Viva	Documentation
10Marks	10 Marks	10 Marks	10 Marks	10Marks

(Certified Project Document is compulsory for appearing at the time of Project Presentation)

**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA
SCIENCE COLLEGE, PALGHAR**

Third Year Bachelor of Science (Computer Science)

Sr. No.	Roll No	Name	Sem V Project Title
1	66001	Abhishekkumar Thakurprasad Pal	Hotel Management System
2	66002	BARGAJE SHIVAJI BHAGWAN	CRICKET SCORE ALERT
3	66003	Purvashi Pankaj Jadhav	Online Plant Selling Website
4	66004	Rahul Sublal Patel	Image Steganography
5	66005	Vaibhav Gajanan Shinde	Online Crim Reporting System
6	66006	Riya Bharat Gharat	SMS Spam Classifier
7	66007	Kavita Santya Bendga	Online Food Ordering System Website
8	66008	Pratap Mohan Bhool	Virtual assistant
9	66009	Satyam Dhanesh Gawad	Food Delivery Website
10	66010	Suraj Kailas Gaikwad	Virtual Assistant ZARA
11	66011	Sonu Rampravesh Rajbhar	Open Chatbot
12	66012	Narayab Rabindra Padhi	Employee Management System
13	66013	Sonam Tarkeshwar Rai	Face recognition using python
14	66014	Ashutosh Krishnamurari Kushwaha	Face recognition based attendance system
15	66015	Swati Harishchandra Gupta	Instagram Clone
16	66016	Shivangi Varma	Spotify clone
17	66018	Suyash Ramesh Dapale	GYM management System
18	66019	Deep Bharat Kadu	Responsive Portofolia
19	66020	Ritvik Bhupesh Mali	Voting System
20	66021	Anant Pandey	Talking chatbot using python
21	66022	Aniket Jaiprakash Ruat	Mobile Blood Bank Locator
22	66023	Kharpade Ajay Dilip	iNoteBook-NoteBook on the cloud
23	66026	Sanyukta Deepak Patil	Hospital Management System
24	66027	Achal Gangadhar Kini	Restaurant Management System
25	66029	Varun Kumar Anand	KBC Quiz Game
26	66031	Wasim Mohammad Ajmal Khan	Content Management System
27	66032	Shriram Sanat Mishra	Plant Monitoring System
28	66033	Pratiksha Subodh Patil	Medical Shop Management
29	66035	Bhati Dilkhush Pappuram	Car Rental Service
30	66036	Vivek Sharma	Medical Shop Management
31	66037	Sanjay Varma	Online Shopping Site in PHP
32	66038	Nishant Shekhawat	Movie Recommendation System-Content Based
33	66039	Shaw Rohitkumar Nagendrakumar	News Portal in PHP
34	66040	Bind Abhishek Somaru	AI Image Generator Using Given Text Prompt
35	66041	Mangal Pramod Patel	Gym Management System Using PHP and MySQL
36	66042	Jitendra Prabhu Kushwaha	Hostel Management System in PHP
37	66043	Mahesh Rajesh Penchaka	MUTEIT-AN Auto Silent App
38	66045	Manish Maniram Singh	Image Steganography
39	66046	Rajan sadhu Rajbhar	Contact management system
40	66047	Dipti Anil Tripathi	Attendance management system
41	66048	Komal Ravindra Chaudhary	Word Generator
42	66049	Vaishnavi Hanumant Thorat	CHATBOT
43	66050	Franklin Samuel Steephen Nadar	Egg Game
44	66051	Chirag Dipak Patil	Master Typing
45	66052	Aniket rajesh vhanoli	Tic toe game
46	66053	Ansh Patil	Jungle book game

W. S. Patil
Head of the Department

Department of Computer Science

K. J. Save
Dr. Kiran J. Save

Principal
Sonopant Dandekar Arts College,
V.S. Apte Commerce College &
M.H. Mehta Science College
PALGHAR (W.R.)
Dist. Palghar, Pin-401404

SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR

Class: TYBSC CS

Academic Year : 2022-2023

Sub: Project

Sem: -VI

Sr.no	Roll No	Name of th student	Title of the Project	Signature of the Student
1	66001	ABHISHEKKUMAR THAKURPRASAD PAL	Hotel Management System	ATPal
2	66003	Purvashi Pankaj Jadhav	Online Plant Selling Website	Purvashi
3	66005	SHINDE VAIBHAV GAJANAN	Online Crime Reporting System Project in PHP	Piade
4	66006	RIYA GHARAT	SMS Spam Classifier	Riya
5	66007	Kavita Santya Bendga	Online Food Ordering System Website	Kibendga
6	66009	SATYAM DHANESH GAWAD.	Food delivery website	Satya
7	66010	SURAJ KAILAS GAIKWAD	Virtual assistnat ZARA	SURAJ
8	66011	sonu Rajbhar	open ai chatbot	Sonu
9	66014	ASHUTOSH KRISHNAMURARI KUSHWAHA	Face recognition based attendance system	Kushwaha
10	66015	SWATI HARISHCHANDRA GUPTA	Instagram clone	Swati
11	66016	SHIVANGI VARMA	Spotify clone	Shivangi
12	66019	DEEP BHARAT KADU	Responsive portofolia	Deep
13	66020	RITVIK BHUPESH MALI.	Voting System	Ritvik
14	66023	KHARPADE AJAY DILIP	iNoteBook - NoteBook on the Cloud	Ajay
15	66026	SANYUKTA DEEPAK PATIL.	Hospital mng system	Spatil
16	66027	ACHAL GANGADHAR KINI.	Restaurant mng system	Achal
17	66029	VARUN KUMAR ANAND	KBC Quiz Game	Varun
18	66031	WASIM MOHAMMAD AJMAL KHAN	Content mng system	Wasim
19	66032	SHRIRAM SANAT MISHRA	Plant Moniterig Sytem	Shriram
20	66033	PRATIKSHA SUBODH PATIL	Medical shop mng	Pratiksha
21	66035	BHATI DILKHUSH PAPPURAM	Car rental service	Dilkhush
22	66036	SHARMA VIVEK VINDHYACHAL	Medical shop mng	Sharma
23	66037	VARMA SANJAY RAMPYARE	Online Shopping Site in PHP	Sanjay. Verma
24	66038	Shekhawat Nishant Indrasingh	"Movie Recommendation System-Content Based"	S.N.
25	66039	Shaw RohitKumar NagendraKumar	News Portal in PHP	Rohitkumar
26	66040	Bind Abhishek Somaru	AI Image Generator Using Given Text Prompt	Abhishek.B.
27	66041	Patel Mangal Parmod	Gym Management System Using PHP and MySQL	Mangal
28	66042	Kushwaha Jitendra Prabhu	Hostel Management System in PHP	Jitendra
29	66043	MAHESH RAJESH PENCHAKA	MUTEIT-AN Auto silent app	Rajesh
30	66045	MANISH MANIRAM SINGH	Image Steganography	D.P. Tripathi
31	66047	Dipti Anil Tripathi	Attendance mng system	Dipti
32	66048	KOMAL RAVINDRA CHAUDHARY	Word generator	Komal
33	66049	VAISHNAVI HANUMANT THORAT.	CHATBOT	Vaishnavi
34	66052	ANIKET RAJESH VHANOLI	Toll booth mng system	Aniket
35	66051	CHIRAG DIPAK PATIL	master typing	Chirag

SONOPANT DANDEKAR SHIKSHAN MANDALI'S



**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H.
MEHTA SCIENCE COLLEGE, PALGHAR-401404.**

A

Project Report On

INSTAGRAM CLONE

SUBMITTED BY

Miss. SWATI HARISHCHANDRA GUPTA

66015

UNDER THE GUIDANCE OF

Dr. VAISHALI SINDEKAR.

THIRD YEAR BACHELOR OF SCIENCE

IN

**COMPUTER SCIENCE
SEMESTER-VI**

SONOPANT DANDEKAR SHIKSHAN MANDALI'S



SONOPANT DANDEKAR ARTS, V.S. APTE
COMMERCE AND M.H. MEHTA SCIENCE
COLLEGE, PALGHAR-401404.

DEPARTMENT OF COMPUTER SCIENCE.

CERTIFICATE

This is to certify that **SWATI HARISHCHANDRA GUPTA** is a student studying in TY.BSC.CS SEM 6. She has completed project work entitled **INSTAGRAM CLONE** under the guidance of Faculty Member **Dr. VAISHALI SINDEKAR**. Satisfactorily and has submitted to the University of Mumbai in partial fulfillment of the requirement during the academic year 2022- 2023. The matter presented in the project report has not been submitted earlier.



College Stamp

[Handwritten Signature]

H.O.D


[Handwritten Signature]

Project Guide

[Handwritten Signature]

External

PLAGIARISM

Mar 18, 2023

Plagiarism Scan Report


0% Plagiarized	100% Unique	Characters:1224	Words:209
		Sentences:10	Speak Time: 2 Min

Excluded URL	None
--------------	------

Content Checked for Plagiarism

An Instagram Clone is a pre-built type of social media application using which user can share their impressive photos to show their friends or followers. It is fully developed with amazing features that can helps user to share or upload their thoughts or photos with others from anywhere in anytime. The Instagram clone website developed using Django which is a frame work for backend used in python language and also by using HTML, CSS for frontend. It provides features like post, like, comment, direct message, save, create and edit profile, follow and search to the users. The user can sign-in and create their new profile and also can log in directly using id and password if created his profile earlier. The user can follow other users to see their posts, can like and comments on their posts. And can save their post if wants. The users profile will show user's followers, following, biography, saved posts and display picture. It helps to users to interact or be in touch with their friends and others users. It provides message section also from which users can chat with others in form of text. And also provides search section using which people can search other profile through entering username in search box.

Sources



[Home](#) [Blog](#) [Testimonials](#) [About Us](#) [Privacy Policy](#)

Copyright © 2022 [Plagiarism Detector](#). All right reserved.

INDEX

SR. NO.	CONTENT	PAGE NO.
1	ACKNOWLEDGEMENT	5
2	REQUIREMENT	6
3	ABSTRACT	7
4	INTRODUCTION	8
5	INSTALLATION	9-12
6	OBJECTIVES	13
7	CODING	14-27
8	OUTPUTS	28-29
9	ADVANTAGES	30
10	CONCLUSION	31
11	FUTURE SCOPE	32
12	REFERENCE	32

ACKNOWLEDGEMENT

The gratification and joy that accompanies the successful completion of any task would be incomplete without the humble and deep-felt expression of gratitude to everyone who has made it possible.

I would like to extend my heartfelt gratitude to **RASHMI VARADE** who gave me an opportunity to work under her guidance in this department.

Further would like to place on record my grateful thanks to friends and family who spent their valuable time in guiding me in this project, whose cooperation and encouragement, has immensely helped in the completion of the project.

I also would like to convey my sincere thanks to **Prof. Dr. VAISHALI SINDEKAR** my internal project guide, who has been a constant source of motivation and inspiration and has helped in bring out the best in me. I am also thankful to all staff members of computer science department who as a team have contributed in the successful completion of this project.

Place: **Boisar**

Date: **25 March 2023**

Swati Harishchandra Gupta

REQUIREMENT

□ Hardware requirement:

- 4GB RAM Laptop or PC
- Processor – Core i3

□ Software requirement:

- Windows 10 or higher (Operating System)
- Python IDLE 3.9 (64 Bits) or Visual studio code
- Django Framework
- SQLite for database

ABSTRACT

The use of social media becomes more popular among all age groups. They use various social media platforms to express their views, share their photos and videos, and exchange ideas and messages in the form of text. Nowadays social media is becoming an effective tool to stay in touch with friend who is far away from you and to stay up to date with news and current events. Many companies use various social media platforms as advertising platforms so that they can reach more and more people. Social media helps bloggers to drive traffic to their websites. By using various social media platforms we can create awareness and share it among a large number of peoples.

One of the famous social media platforms is Instagram. This platform allows users to share photos and videos with their friends. Instagram is successful today because they provide very interesting features and their user interface is so simple. This paper will give a summary of how to develop an app like Instagram.

INTRODUCTION

Instagram Clone is a pre-built type of social media application using which user can share their impressive photos to show their friends or followers. It is fully developed with amazing features that can help user to share or upload their thoughts or photos with others from anywhere in anytime. The Instagram clone website developed using Django which is a framework for backend used in python language and also by using HTML, CSS for frontend.

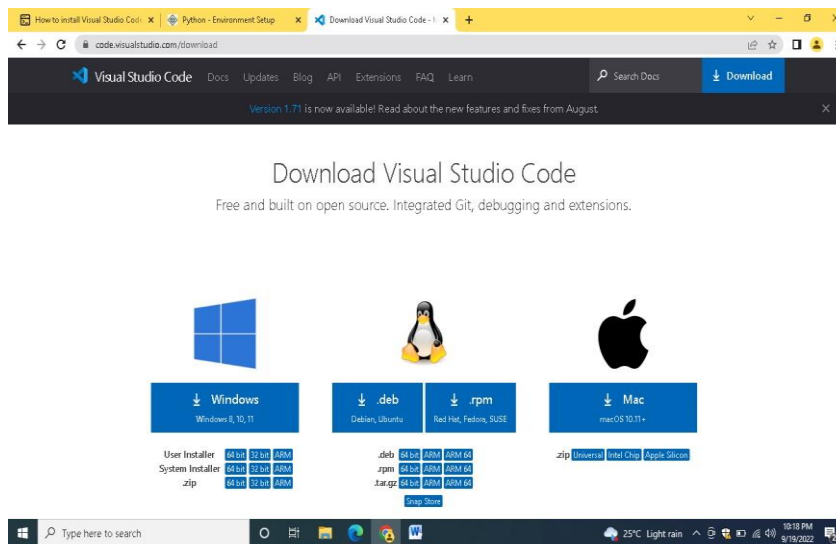
It provides features like post, like, comment, direct message, save, create and edit profile, follow and search to the users. The user can sign-in and create their new profile and also can log in directly using id and password if created his profile earlier. The user can follow other users to see their posts, can like and comments on their posts. And can save their post if wants. The users profile will show user's followers, following, biography, saved posts and display picture. It helps to users to interact or be in touch with their friends and other users. It provides message section also from which users can chat with others in form of text. And also provides search section using which people can search other profile through entering username in search box.

INSTALLATION

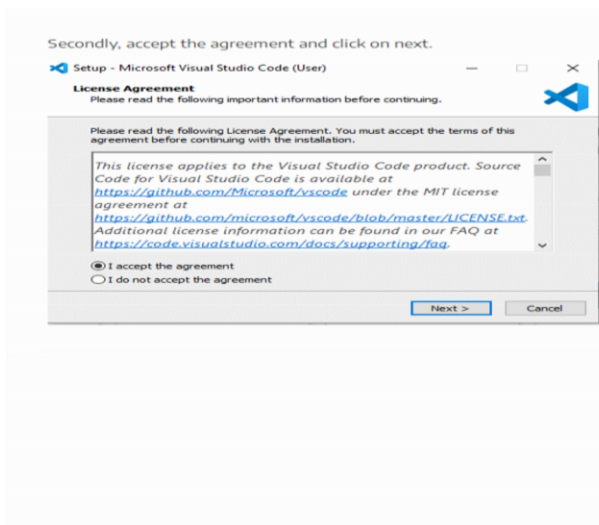
TO INSTALL VISUAL STUDIO CODE:

Step 1 : Download VS code from here [Link](https://code.visualstudio.com/download):
<https://code.visualstudio.com/download>

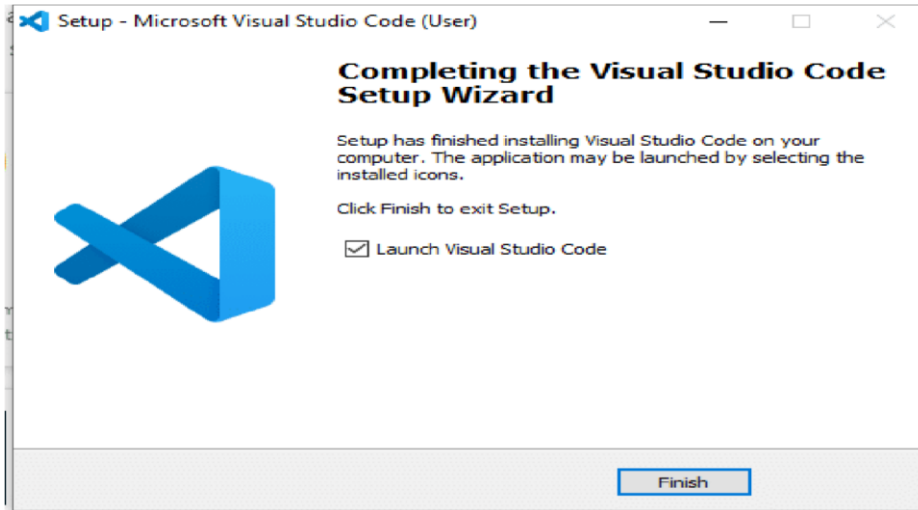
Step 2 : Download the Visual Studio Code installer for Windows. Once it is downloaded, run the installer (VSCodeUserSetup-{version}.exe). Then, run the file – it will only take a minute.



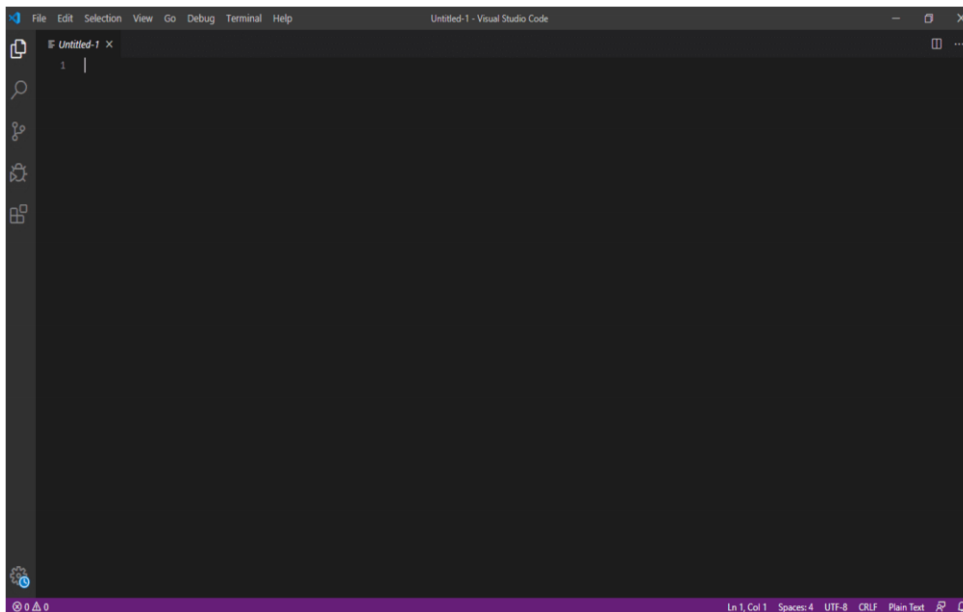
- Accept the agreement and click “next.”



- After accepting all the requests press finish button. By default, VS Code installs under: "**C:\users{username}\AppData\Local\Programs\Microsoft VS Code.**"



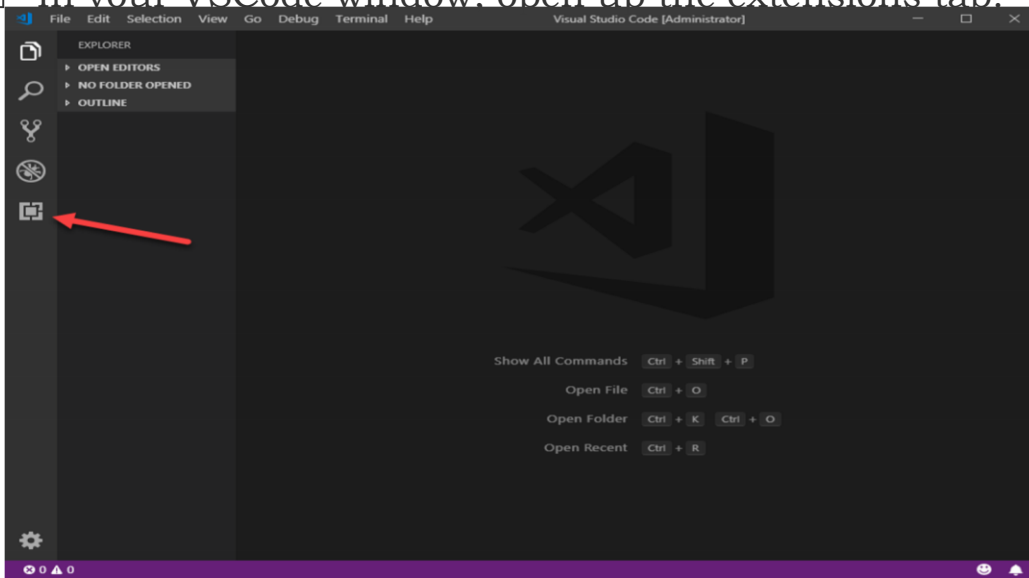
- If the installation is successful, you will see the following:



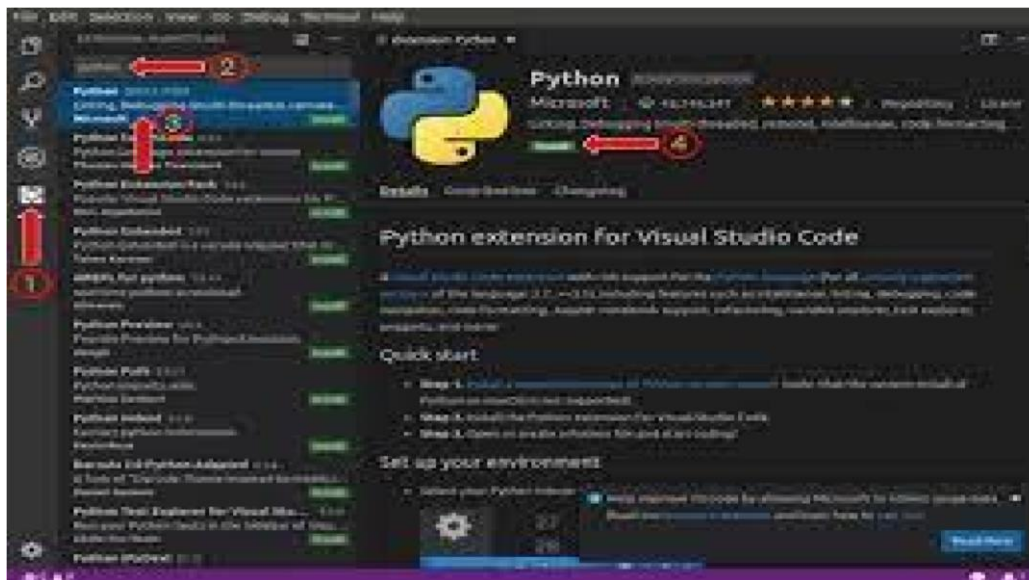
Installing Python in Visual Studio Code:

Before writing your first Python program, you need to configure the VSCode code editor to recognize Python.

- In your VSCode window, open up the extensions tab:



- Write “Python” to the search bar. Install the first search result (with 40m+ downloads).



After installing, you are all set.

❖ **SQLite:**

SQLite is a capable library, providing an in-process relational database for efficient storage of small-to-medium-sized data sets. It supports most of the common features of SQL with few exceptions. Best of all, most Python users do not need to install anything to get started working with SQLite, as the standard library in most distributions ships with the `sqlite3` module. SQLite runs embedded in memory alongside your application, allowing you to easily extend SQLite with your own Python code. SQLite provides quite a few hooks, a reasonable subset of which are implemented by the standard library database driver

❖ **Django:**

Django is a web application framework written in Python programming language. It is based on MVT (Model View Template) design pattern. The Django is very demanding due to its rapid development feature. It takes less time to build application after collecting client requirement. We can build web applications in very less time. Django is designed in such a manner that it handles much of configure things automatically.

OBJECTIVES

- Billions of people around the world use social media to **share information and make connections**. On a personal level, social media allows you to communicate with friends and family, learn new things, develop your interests, and be entertained.
- People can upload photos or videos to our service and share them with their followers or with a select group of friends. They can also view, comment and like posts shared by their friends on Instagram.
- Instagram is a leading photo -based social media platform, but it does more than keep you up to date on your friends' adventures. Influencers and small businesses use Instagram as a tool for **audience connection, engagement and sales**.

CODING

```
Post-views.py from django.shortcuts import render, redirect,
get_object_or_404 from django.contrib.auth.decorators import
login_required from django.urls import reverse from django.http
import HttpResponseRedirect from post.models import Post, Tag,
Follow, Stream, Likes from django.contrib.auth.models import
User from post.forms import NewPostform from authy.models
import Profile from django.urls import resolve from
comment.models import Comment from comment.forms import
NewCommentForm from django.core.paginator import Paginator from
django.db.models import Q

# from post.models import Post, Follow, Stream
@login_required def
index(request):      user =
request.user        user =
request.user        all_users =
User.objects.all()
    follow_status =
Follow.objects.filter(following=user,
follow_follower=request.user).exists() profile =
Profile.objects.all() posts =
Stream.objects.filter(user=user) group_ids = []
for post in posts:
group_ids.append(post.post_id)
    post_items =
Post.objects.filter(id__in=group_ids).all().order_by('posted') query =
request.GET.get('q') if query:
    users =
User.objects.filter(Q(username__icontains=query))
paginator = Paginator(users, 6) page_number =
request.GET.get('page')
    users_paginator = paginator.get_page(page_number)
context = {
    'post_items': post_items,
    'follow_status': follow_status,
    'profile': profile,
    'all_users': all_users,
    # 'users_paginator': users_paginator,
}
return render(request, 'index.html', context)
@login_required def
NewPost(request):
user = request.user
profile = get_object_or_404(Profile, user=user)
```



```

        tags_obj = []
        if request.method == "POST":
            form = NewPostform(request.POST, request.FILES)
            if form.is_valid():
                picture = form.cleaned_data.get('picture')
                caption = form.cleaned_data.get('caption')
                tag_form = form.cleaned_data.get('tags')
                tag_list = list(tag_form.split(','))
                for tag in tag_list:
                    t, created = Tag.objects.get_or_create(title=tag)
                    tags_obj.append(t)
                p, created = Post.objects.get_or_create(picture=picture,
                caption=caption, user=user)
                p.tags.set(tags_obj)
                p.save()
                return redirect('profile', request.user.username)
            else:
                form = NewPostform()
                context = {
                    'form': form
                }
                return render(request, 'newpost.html', context)
@login_required def PostDetail(request, post_id):
    user = request.user
    post = get_object_or_404(Post, id=post_id)
    comments = Comment.objects.filter(post=post).order_by('-date')
    if request.method == "POST":
        form = NewCommentForm(request.POST)
        if form.is_valid():
            comment = form.save(commit=False)
            comment.post = post
            comment.user = user
            comment.save()
        return HttpResponseRedirect(reverse('post-details', args=[post.id]))
    else:
        form = NewCommentForm()
        context = {
            'post': post,
            'form': form,
            'comments': comments
        }
        return render(request, 'postdetail.html', context)
@login_required def Tags(request, tag_slug):
    tag = get_object_or_404(Tag, slug=tag_slug)
    posts = Post.objects.filter(tags=tag).order_by('-posted')
    context = {

```

```

        'posts': posts,
        'tag': tag
    }
    return render(request, 'tag.html', context)
Like function
@login_required def
like(request, post_id):
    user = request.user
    post = Post.objects.get(id=post_id)
    current_likes = post.likes
    liked = Likes.objects.filter(user=user, post=post).count()
if not liked:
    Likes.objects.create(user=user,
post=post)          current_likes = current_likes
+ 1 else:
    Likes.objects.filter(user=user, post=post).delete()
    current_likes = current_likes - 1

    post.likes = current_likes
post.save()
    # return HttpResponseRedirect(reverse('post-details', args=[post_id]))
return HttpResponseRedirect(reverse('post-details', args=[post_id]))
@login_required def
favourite(request, post_id):
user = request.user
    post = Post.objects.get(id=post_id)
profile = Profile.objects.get(user=user)
    if
profile.favourite.filter(id=post_id).exists():
profile.favourite.remove(post)      else:
profile.favourite.add(post)
    return HttpResponseRedirect(reverse('post-details',
args=[post_id]))
Post -models.py
from django.db import models
from django.contrib.auth.models import User
from django.db.models.base import Model
from django.db.models.signals import post_save, post_delete from
django.utils.text import slugify from django.urls import reverse import
uuid from notification.models import Notification # uploading user
files to a specific directory def user_directory_path(instance,
filename):    return 'user_{0}/{1}'.format(instance.user.id, filename)
class Tag(models.Model):    title = models.CharField(max_length=75,
verbose_name='Tag')    slug = models.SlugField(null=False,
unique=True, default=uuid.uuid1)    class Meta:        verbose_name =
'Tag'

```

```

        verbose_name_plural = 'Tags'
        def get_absolute_url(self):          return
reverse('tags', args=[self.slug])
        def __str__(self):
return self.title
        def save(self, *args, **kwargs):    if not self.slug:
self.slug = slugify(self.title)           return super().save(*args, **kwargs)
class Post(models.Model):                 id = models.UUIDField(primary_key=True,
default=uuid.uuid4, editable=False)       picture =
models.ImageField(upload_to=user_directory_path, verbose_name="Picture")
        caption = models.CharField(max_length=10000, verbose_name="Caption")
posted = models.DateField(auto_now_add=True)
        tags = models.ManyToManyField(Tag, related_name="tags")
user = models.ForeignKey(User, on_delete=models.CASCADE)
        likes = models.IntegerField(default=0)
        def get_absolute_url(self):          return
reverse("post-details", args=[str(self.id)]) class
Likes(models.Model):                     user = models.ForeignKey(User,
on_delete=models.CASCADE)                post =
models.ForeignKey(Post, on_delete=models.CASCADE,
related_name="post_likes")               def user_liked_post(sender,
instance, *args, **kwargs):              like = instance
post = like.post                          sender = like.user
        notify = Notification(post=post, sender=sender,
user=post.user)                          notify.save()
def
user_unliked_post(sender, instance, *args, **kwargs):
        like = instance
post = like.post
sender = like.user
        notify = Notification.objects.filter(post=post,
sender=sender, notification_types=1)       notify.delete() class
Follow(models.Model):
        follower = models.ForeignKey(User, on_delete=models.CASCADE,
related_name='follower')
        following = models.ForeignKey(User,
on_delete=models.CASCADE, related_name='following')
def
user_follow(sender, instance, *args, **kwargs):
        follow =
instance                                  sender = follow.follower
following =
follow.following
        notify = Notification(sender=sender, user=following,
notification_types=3)

```

```

    notify.save()
def user_unfollow(sender, instance, *args, **kwargs):
    follow = instance
    sender = follow.follower
    following = follow.following
    notify = Notification.objects.filter(sender=sender, user=following,
notification_types=3)
    notify.delete()
class Stream(models.Model):
    following = models.ForeignKey(User, on_delete=models.CASCADE, null=True,
related_name='stream_following')
    user = models.ForeignKey(User, on_delete=models.CASCADE)
    post = models.ForeignKey(Post, on_delete=models.CASCADE, null=True)
    date = models.DateTimeField()
    def add_post(sender, instance, *args, **kwargs):
        post = instance
        user = post.user
        followers = Follow.objects.all().filter(following=user)
        for follower in followers:
            stream = Stream(post=post, user=follower.follower, date=post.posted,
following=user)
            stream.save()
post_save.connect(Stream.add_post, sender=Post)
post_save.connect(Likes.user_liked_post, sender=Likes)
post_delete.connect(Likes.user_unliked_post, sender=Likes)
post_save.connect(Follow.user_follow, sender=Follow)
post_delete.connect(Follow.user_unfollow, sender=Follow)

```

Directs-views.py

```

from django.shortcuts import redirect, render, get_object_or_404
from django.contrib.auth.decorators import login_required
from directs.models import Message
from django.contrib.auth.models import User
from authy.models import Profile
from django.db.models import Q
from django.core.paginator import Paginator
@login_required
def inbox(request):
    user = request.user
    messages = Message.get_message(user=request.user)
    active_direct = None
    directs = None
    profile = get_object_or_404(Profile, user=user)

    if messages:
        message = messages[0]
        active_direct = message['user'].username
        directs = Message.objects.filter(user=request.user,
recieipient=message['user'])
        directs.update(is_read=True)

```

```

        for message in messages:
            if message['user'].username == active_direct:
                message['unread'] = 0
    context = {
        'directs':directs,
        'messages': messages,
        'active_direct': active_direct,
        'profile': profile,
    }
    return render(request, 'directs/direct.html', context)
@login_required
def Directs(request, username):
    user = request.user
    messages = Message.get_message(user=user)
    active_direct = username
    directs = Message.objects.filter(user=user, recieipient_username=username)
    directs.update(is_read=True)
    for message in messages:
        if message['user'].username == username:
            message['unread'] = 0
    context = {
        'directs': directs,
        'messages': messages,
        'active_direct': active_direct,
    }
    return render(request, 'directs/direct.html', context)
def SendDirect(request):
    from_user = request.user
    to_user_username = request.POST.get('to_user')
    body = request.POST.get('body')
    if request.method == "POST":
        to_user = User.objects.get(username=to_user_username)
        Message.sender_message(from_user, to_user, body)
        return redirect('message')
def UserSearch(request):
    query = request.GET.get('q')
    context = {}
    if query:
        users = User.objects.filter(Q(username__icontains=query))
        # Paginator
        paginator = Paginator(users, 8)
        page_number = request.GET.get('page')
        users_paginator = paginator.get_page(page_number)
        context = {
            'users': users_paginator,
        }
    return render(request, 'directs/search.html', context)
def NewConversation(request, username):
    from_user = request.user
    body = ''
    try:
        to_user = User.objects.get(username=username)

```

```

except Exception as e:
    return redirect('search-users')
if from_user != to_user:
    Message.sender_message(from_user, to_user, body)
return redirect('message')

```

Directs -models.py

```

from django.db import models
from django.contrib.auth.models import User
from django.db.models import Max
from django.forms import DateTimeField
class Message(models.Model):
    user = models.ForeignKey(User, on_delete=models.CASCADE, related_name="user")
    sender = models.ForeignKey(User, on_delete=models.CASCADE,
related_name="from_user")
    recipient = models.ForeignKey(User, on_delete=models.CASCADE,
related_name="to_user")
    body = models.TextField(null=True)
    date = models.DateTimeField(auto_now_add=True)
    is_read = models.BooleanField(default=False)
    def sender_message(from_user, to_user, body):
        sender_message = Message(
            user=from_user,
            sender = from_user,
            recipient = to_user,
            body = body,
            is_read = True
        )
        sender_message.save()

        recipient_message = Message(
            user=to_user,
            sender = from_user,
            recipient = from_user,
            body = body,
            is_read = True
        )
        recipient_message.save()
        return sender_message

    def get_message(user):
        users = []
        messages =
Message.objects.filter(user=user).values('recipient').annotate(last=Max('date'))
.order_by('-last')
        for message in messages:
            users.append({
                'user': User.objects.get(pk=message['recipient']),
                'last': message['last'],
                'unread': Message.objects.filter(user=user,
recipient__pk=message['recipient'], is_read=False).count()
            })

```

```
        return users
```

Notification –views.py

```
import imp from django.shortcuts import
render, redirect from notification.models
import Notification
def
ShowNotification(request):
user = request.user
    notifications = Notification.objects.filter(user=user).order_by('-date')

    context = {
        'notifications': notifications,
    }
    return render(request, 'notifications/notification.html', context)
def DeleteNotification(request,
noti_id):
    user = request.user
    Notification.objects.filter(id=noti_id,
user=user).delete()
    return redirect('show-notification')
```

Notification –models.py

```
from django.db import models
from django.contrib.auth.models import User
# from post.models import Post
class
Notification(models.Model):
    NOTIFICATION_TYPES = ((1, 'Like'), (2, 'Comment'), (3, 'Follow'))

    post = models.ForeignKey("post.Post", on_delete=models.CASCADE,
related_name="notification_post", null=True)
    sender = models.ForeignKey(User, on_delete=models.CASCADE,
related_name="notification_from_user" )
    user = models.ForeignKey(User, on_delete=models.CASCADE,
related_name="notification_to_user" )
    notification_types = models.IntegerField(choices=NOTIFICATION_TYPES,
null=True, blank=True)
    text_preview = models.CharField(max_length=100,
blank=True)
    date = models.DateTimeField(auto_now_add=True)
    is_seen = models.BooleanField(default=False)
```

Comments- models.py

```
from pyexpat import model from
django.db import models
from django.contrib.auth.models import User
from post.models import Post
from django.db.models.signals import post_save, post_delete
from notification.models import Notification class
```

```
Comment(models.Model):    post = models.ForeignKey(Post,  
on_delete=models.CASCADE, related_name="comment")
```



```

    user = models.ForeignKey(User, on_delete=models.CASCADE)
body = models.TextField()
    date = models.DateTimeField(auto_now_add=True,
null=True)
    def user_comment_post(sender, instance,
*args, **kwargs):
        comment = instance
        post =
comment.post
        text_preview = comment.body[:90]
sender = comment.user
        notify = Notification(post=post, sender=sender,
user=post.user, text_preview=text_preview, notification_types=2)
notify.save()
    def user_del_comment_post(sender, instance, *args,
**kwargs):
        comment = instance
        post = comment.post
sender = comment.user
        notify = Notification.objects.filter(post=post,
sender=sender, user=post.user, notification_types=2)
notify.delete()
post_save.connect(Comment.user_comment_post, sender=Comment)
post_delete.connect(Comment.user_del_comment_post,
sender=Comment)

```

Authy- views.py

```

from django.shortcuts import render, redirect,
get_object_or_404 from django.contrib.auth.decorators import
login_required from django.urls import reverse
from django.http import HttpResponseRedirect from
django.core.paginator import Paginator from
django.db import transaction from
django.contrib.auth.models import User from
django.core.exceptions import ObjectDoesNotExist
from django.contrib import messages
from django.contrib.auth import authenticate, login
from post.models import Post, Follow, Stream
from django.contrib.auth.models import User
from authy.models import Profile
from .forms import EditProfileForm,
UserRegisterForm from django.urls import resolve
from comment.models import Comment def
UserProfile(request, username):
    Profile.objects.get_or_create(user=request.user)
user = get_object_or_404(User, username=username)
profile = Profile.objects.get(user=user)
url_name = resolve(request.path).url_name
    posts = Post.objects.filter(user=user).order_by('-posted')
if url_name == 'profile':
    posts =
Post.objects.filter(user=user).order_by('-posted')
else:
    posts = profile.favourite.all()
    # Profile Stats
posts_count = Post.objects.filter(user=user).count()

```

```

        following_count = Follow.objects.filter(follower=user).count()
followers_count = Follow.objects.filter(following=user).count()
# count_comment = Comment.objects.filter(post=posts).count()
follow_status = Follow.objects.filter(following=user,
follower=request.user).exists()
    # pagination
    paginator = Paginator(posts, 8)
page_number = request.GET.get('page')
    posts_paginator = paginator.get_page(page_number)
context = {
    'posts': posts,
    'profile':profile,
    'posts_count':posts_count,
    'following_count':following_count,
    'followers_count':followers_count,
    'posts_paginator':posts_paginator,
    'follow_status':follow_status,
    # 'count_comment':count_comment,
}
    return render(request, 'profile.html',
context) def EditProfile(request):    user =
request.user.id
    profile = Profile.objects.get(user__id=user)    if
request.method == "POST":        form =
EditProfileForm(request.POST, request.FILES,
instance=request.user.profile)    if form.is_valid():
profile.image = form.cleaned_data.get('image')
profile.first_name = form.cleaned_data.get('first_name')
profile.last_name = form.cleaned_data.get('last_name')
profile.location = form.cleaned_data.get('location')
profile.url = form.cleaned_data.get('url')        profile.bio
= form.cleaned_data.get('bio')        profile.save()
        return redirect('profile',
profile.user.username)    else:        form =
EditProfileForm(instance=request.user.profile)
        context = {
'form':form,
}
        return render(request, 'editprofile.html', context)
def follow(request, username,
option):    user = request.user
    following = get_object_or_404(User, username=username)
    try:        f, created =
Follow.objects.get_or_create(follower=request.user,
following=following)
        if int(option) ==
0:

```

```

        f.delete()
        Stream.objects.filter(following=following,
user=request.user).all().delete()           else:           posts
= Post.objects.all().filter(user=following)[:25]           with
transaction.atomic():           for post in posts:
stream = Stream(post=post, user=request.user, date=post.posted,
following=following)           stream.save()
        return HttpResponseRedirect(reverse('profile',
args=[username]))           except User.DoesNotExist:           return
HttpResponseRedirect(reverse('profile', args=[username])) def
register(request):           if request.method == "POST":
        form =
UserRegisterForm(request.POST)           if
form.is_valid():           new_user =
form.save()
        # Profile.get_or_create(user=request.user)
username = form.cleaned_data.get('username')
        messages.success(request, f'Hurray your account was created!!')
        # Automatically Log In The User
        new_user = authenticate(username=form.cleaned_data['username'],
password=form.cleaned_data['password1'],)           login(request, new_user)
        # return
redirect('editprofile')           return
redirect('index')           elif
request.user.is_authenticated:
return redirect('index')           else:
form = UserRegisterForm()           context = {
'form': form,
}
        return render(request, 'sign-up.html',
context)

```

Authy- models.py

```

from django.db import models
from django.contrib.auth.models import
User import PIL from PIL import Image
from django.db.models.base import Model from
django.db.models.fields import DateField
from django.urls import reverse
from django.db.models.signals import post_save
import uuid
from django.utils import timezone from post.models import
Post class Profile(models.Model):           user =
models.OneToOneField(User, related_name='profile',
on_delete=models.CASCADE)

```

```

    image = models.ImageField(upload_to="profile_picture", null=True,
default="default.jpg")
    first_name = models.CharField(max_length=200, null=True,
blank=True)
    last_name = models.CharField(max_length=200, null=True,
blank=True)
    bio = models.CharField(max_length=200, null=True,
blank=True)
    location = models.CharField(max_length=200, null=True,
blank=True)
    url = models.URLField(max_length=200, null=True,
blank=True)
    favourite = models.ManyToManyField(Post, blank=True)
def save(self, *args, **kwargs):
    super().save(*args, **kwargs)
    def __str__(self):
        return
f'{self.user.username} - Profile'
    def save(self, *args,
**kwargs):
super().save(*args, **kwargs)
    img = Image.open(self.image.path)
    if
img.height > 300 or img.width > 300:
        output_size
= (300, 300)
        img.thumbnail(output_size)
img.save(self.image.path)
def create_user_profile(sender,
instance, created, **kwargs):
    if created:
        Profile.objects.create(user=instance)
def save_user_profile(sender, instance,
**kwargs):
    instance.profile.save()
post_save.connect(create_user_profile, sender=User)
post_save.connect(save_user_profile, sender=User)
ig prj -settings.py
from pathlib import
Path
import os
# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve(strict=True).parent.parent
# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = 'k1l8gsqp&&glb@%qafi26xb-y4%xjf60g)2!6bspqc+@xjl7me'
# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True
ALLOWED_HOSTS = ['instagram-clone-d.herokuapp.com', '127.0.0.1']
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'django.contrib.humanize',

    #own
    'post',

```

```

        'crispy_forms',
        'authy',
        'comment',
        'directs',
        'notification',
    ]
MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'whitenoise.middleware.WhiteNoiseMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]
ROOT_URLCONF = 'ig_prj.urls'
TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [os.path.join(BASE_DIR, 'templates')],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]
WSGI_APPLICATION = 'ig_prj.wsgi.application'
# Database
# https://docs.djangoproject.com/en/3.1/ref/settings/#database
DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': BASE_DIR / 'db.sqlite3',
    }
}
# Password validation
# https://docs.djangoproject.com/en/3.1/ref/settings/#auth-password-validators
AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME':
'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    },
    {
        'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {

```

```

        'NAME':
'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]
# Internationalization
# https://docs.djangoproject.com/en/3.1/topics/i18n/
LANGUAGE_CODE = 'en-us'
TIME_ZONE = 'UTC'
USE_I18N = True
USE_L10N = True
USE_TZ = True
# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/3.1/howto/static-files/
STATIC_URL = '/static/'
STATICFILES_DIRS = [
    os.path.join(BASE_DIR, 'static')
]
STATIC_ROOT = os.path.join(BASE_DIR, 'staticfiles')
MEDIA_URL = '/media/'
MEDIA_ROOT = os.path.join(BASE_DIR, 'media')
EMAIL_BACKEND = 'django.core.mail.backends.console.EmailBackend'
LOGIN_REDIRECT_URL = 'index'
LOGOUT_REDIRECT_URL = 'sign-in'
LOGIN_URL = 'sign-in'
CRISPY_TEMPLATE_PACK = 'bootstrap4'

```

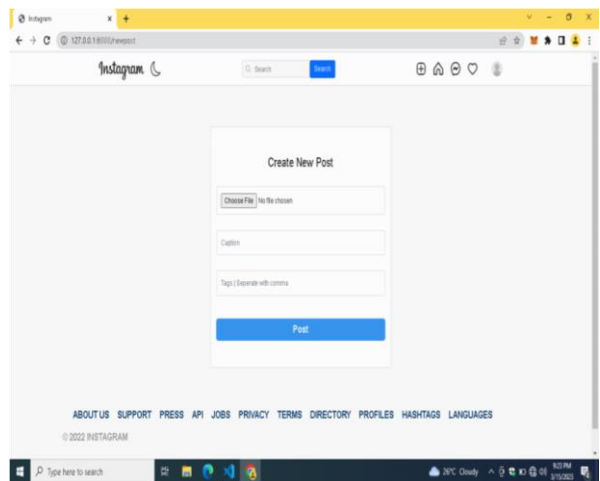
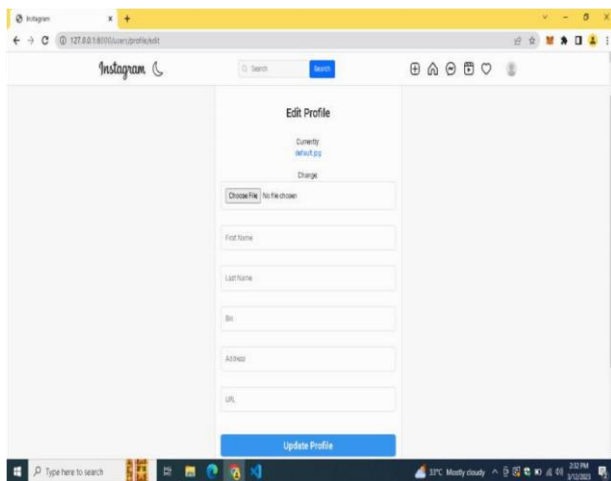
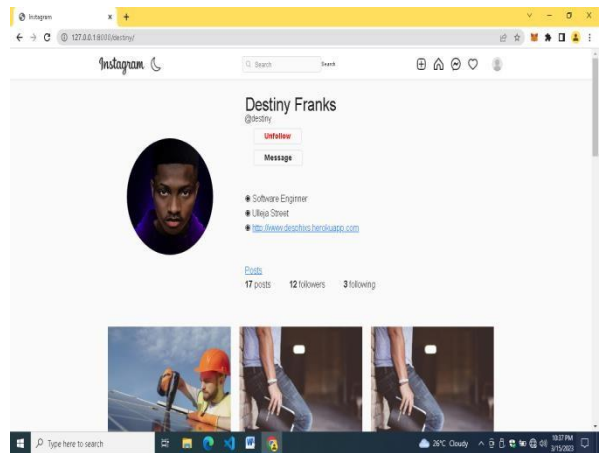
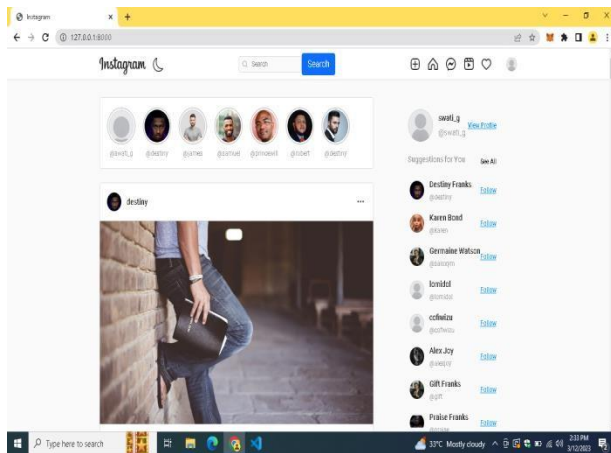
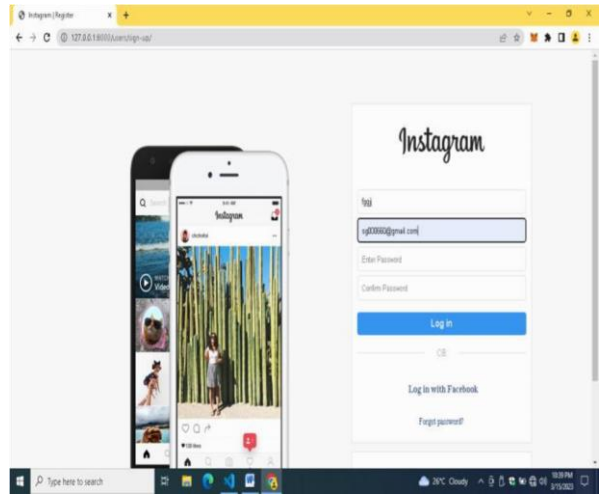
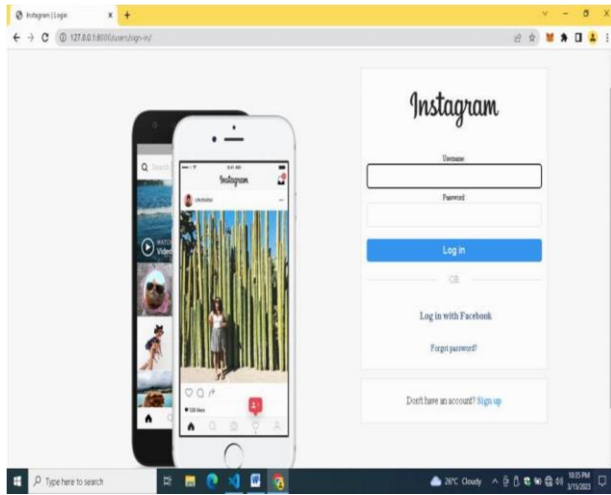
Ig prj -urls.py

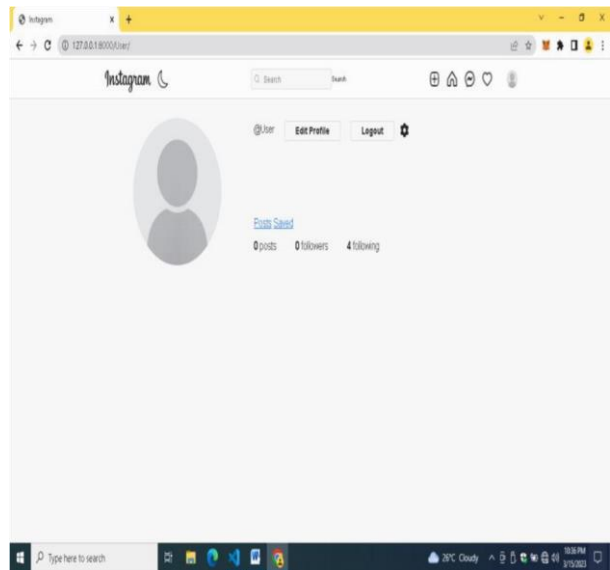
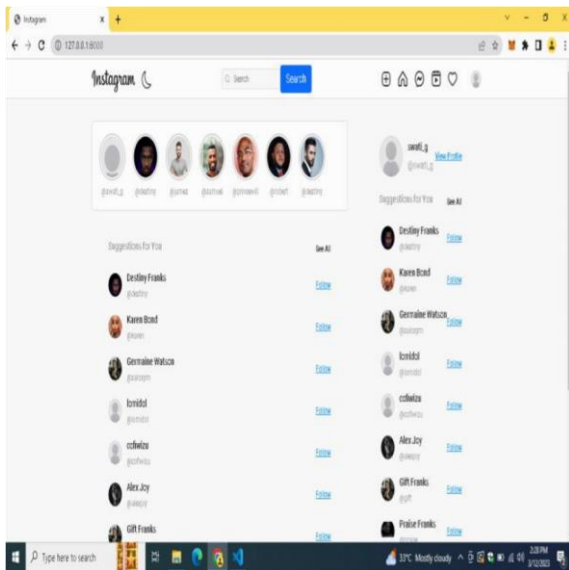
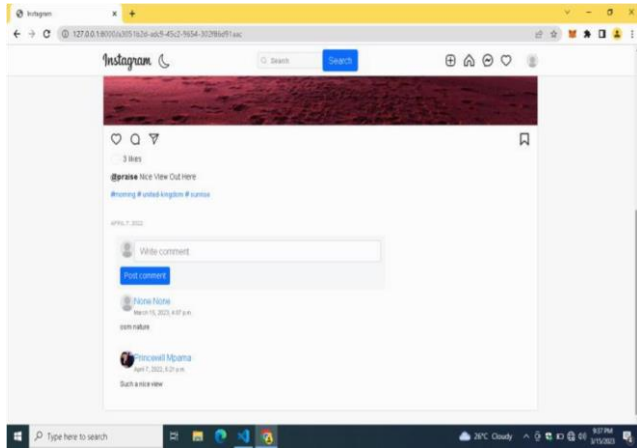
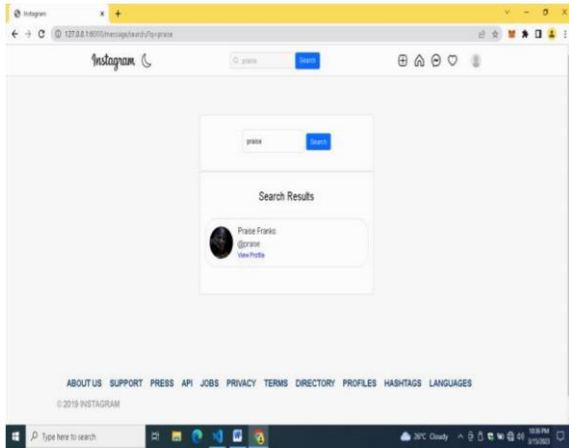
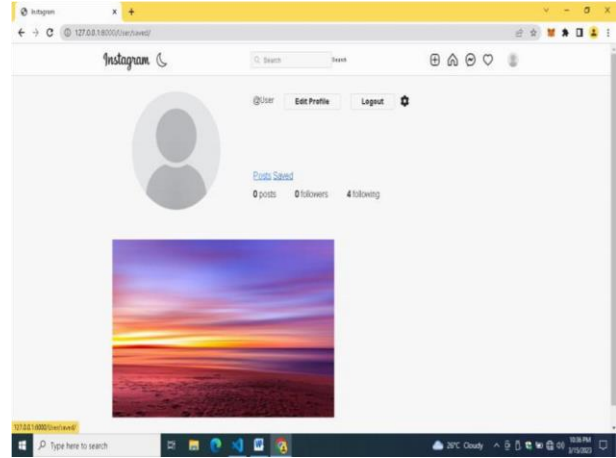
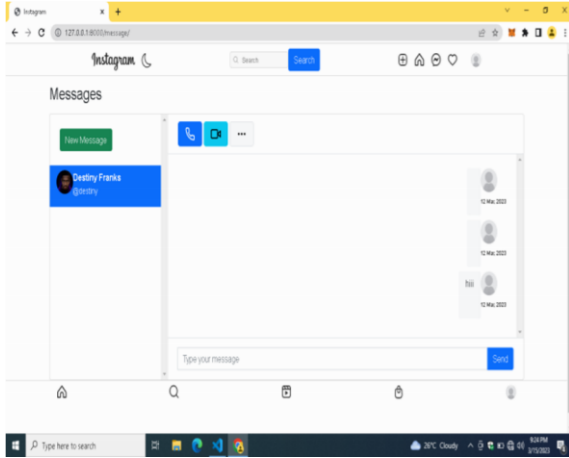
```

from django.contrib import admin
from django.urls import path, include
from django.conf import settings
from django.conf.urls.static import static
from authy.views import UserProfile, follow
urlpatterns = [
    path('admin/', admin.site.urls),
    path('users/', include('authy.urls')),
    path('', include('post.urls')),
    path('message/', include('directs.urls')),
    path('notifications/', include('notification.urls')),
    # profile
    path('<username>', UserProfile, name='profile'),
    path('<username>/saved/', UserProfile, name='profilefavourite'),
    path('<username>/follow/<option>', follow, name='follow'),
]
# This is used for
if settings.DEBUG:
    urlpatterns += static(settings.STATIC_URL,
document_root=settings.STATIC_ROOT)
    urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)

```

OUTPUTS





ADVANTAGES

1. Easy to use – Instagram is easy to use for both personal and business accounts. The interface is simple and straightforward, making it an ideal platform for posting updates and photos.
2. The platform is known for its engaging content, which makes it perfect for sharing updates with followers. Photos and videos can be short and sweet, or they can be longer depending on your needs. This makes them well-suited for providing quick information updates, as well as longer blog posts or articles.
3. It is very popular – This means that your account will likely have a large following from the outset, which can help you to gain exposure and build relationships with potential customers or clients.
4. Social media marketing – Because this is a social media platform, it can be used to promote your brand or product in a variety of ways. You can share images and videos on your account to give followers an insight into what you do, as well as promote special offers or events that you're hosting. This can help to increase your reach and attract new customers.

CONCLUSION

Instagram will continue becoming the number one photo sharing application if it continues giving good services to the users. As the technology is growing the social media has become the routine for each and every person, peoples are seen addicted with these technology every day. With different fields its impact is different on people. Social media has increased the quality and rate of collaboration for students. Business uses social media to enhance an organization's performance in various ways such as to accomplish business objectives, increasing annual sales of the organization. Youngsters are seen in contact with these media daily. Use of social media is beneficial but should be used in a limited way without getting addicted.

FUTURE SCOPE

Instagram will be more integrated into personal, social and business lives. Without realizing it, these platforms will be a natural part of our lives, streamlining our everyday activities and work. It will have longer-term implications for individuals as a result of a life lived in public. Anyone may sign up and create an account without having to pay anything. It is a social networking site that you may use to follow celebrities and keep in touch with your mates. Anyone who misses their former friends may look them up on Instagram, and company owners can even create profiles and request that people follow them. Business executives and regular people together can enhance their interaction in this way.

REFERENCE

- <https://www.youtube.com/>
- <https://github.com/>

SONOPANT DANDEKAR SHIKSHAN MANDALI'S



A

Project Report On

KBC Quiz Game

SUBMITTED BY

VARUN KUMAR ANAND

66029

UNDER THE GUIDANCE OF

Prof. Vaishali Sindekar

THIRD YEAR BACHELOR OF SCIENCE

IN

COMPUTER SCIENCE

SEMESTER-VI

MUMBAI UNIVERSITY

2022-2023

SONOPANT DANDEKAR SHIKSHAN MANDALI'S



SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE
AND M.H. MEHTA SCIENCE COLLEGE,
PALGHAR-401404.

Department of Computer Science.

CERTIFICATE

This is to certify that **VARUN KUMAR ANAND** is a student studying in TY.BSC.CS SEM V. He has completed project work entitled **KBC QUIZ GAME** under the guidance of Faculty Member **Prof. VAISHALI SINDEKAR** satisfactorily and has submitted to the University of Mumbai in partial fulfillment of the requirement during the academic year 2022-2023. The matter presented in the project report has not been submitted earlier.



College Stamp

[Handwritten Signature]

H.O.D

[Handwritten Signature: V. Sindekar]

Project Guide

[Handwritten Signature]

External

Index

SR.NO	CONTENTS	PAGE.NO
1	Acknowledgment	1
2	Introduction	2
3	Requirement	3
4	Installation of python idle 3.10	4-7
5	Objectives	8
6	System Architecture and Working	9
7	Layout	10-12
8	Coding	13-28
9	Result	29-31
10	Advantages	32
11	Conclusion	33
12	Future Update	34
13	Reference	35

ACKNOWLEDGEMENT

The gratification and joy that accompanies the successful completion of any task would be incomplete without the humble and deep-felt expression of gratitude to everyone who has made it possible.

I would like to extend my heartfelt gratitude to **RASHMI VARADE** who gave me an opportunity to work under her guidance in this department.

Further would like to place on record my grateful thanks to friends and family who spent their valuable time in guiding me in this project, whose cooperation and encouragement, has immensely helped in the completion of the project.

I also would like to convey my sincere thanks to **PROF. VAISHALI SINDEKAR** my internal project guide, who has been a constant source of motivation and inspiration and has helped in bring out the best in me. I am also thankful to all staff members of computer science department who as a team have contributed in the successful completion of this project.

Place: Palghar Date: VARUN KUMAR ANAND







INTRODUCTION

KBC QUIZ GAME is an application system which is developed in Python 3.10 . This application is user friendly. Anyone can easily use this application. This application can be used by all the age-groups. This application mainly focuses on the educational aspect of the individual. This application helps you improve your general knowledge.

To make it even more interesting, the game is given the look & feel of the most popular Indian T.V show “KBC - Kaun Banega Crorepati?”.

The main window consists of the question area and answer area. It also has the lifeline buttons named as “50-50”, “Audience Poll”, “Phone-a friend”.

On the left side of the application it has the price amount list.

There are 2 other window which are “You Lose” and “You Won” window.

This application is a great way of spending time both for fun and to improve knowledge.

Requirement:

□ Hardware Requirement:

- Laptop(4GB RAM)
- i3/i5 Processer
- 500 GB/1TB hard disk
- Internet Connection (Wi-Fi).

□ Software Requirement:

- Python 3.10 (64 Bits)
- PyCharm Community Edition

INSTALLATION OF THE PYTHON IDLE 3.10

Installation of python involves following steps:

1. Download binaries
2. Run the executable installer
3. Add path of python to environmental variable

Step 1: Download python installer binaries

1. Open official python website in web browser. Navigate the downloads tab for windows.
2. Choose the latest version of python 3.10 .
3. Click on link to download windows x8-64 executable installer. For 64-bit system.

Step 2: Run the Executable Installer

1. Once the installer is downloaded, run the python installer.
2. Check the install launcher for all users check box. Further check the Add python 3.10 to path check box to include the interpreter in the execution path.
3. Select customize installation.

Choose the optional features by checking the following check boxes:

4. Documentation
5. Pip
6. Tcl/tk and IDLE (to install tkinter and IDLE)
7. Python test suite (to install standard library suite of python)
8. Install the global launcher for „.py“ files. This makes it easier to start python

9. Install for all users.

10. This takes you to Advanced options available while installing python. Here, select the install for all users and Add python to environment variables check boxes.

Optionally, we can select the Associate files with python, create shortcuts for installed applications and other advanced options.

After selecting the advanced options, click on install to start installation.

11. Once the installation is over , we will see a python setup successful window.

Step 3: Add python to environmental variables

The last step in installation process is to add python path to the system environment variables. This step is done to access python through the command line. In case we added python to environment variables while setting the advance options during the installation procedure, you can avoid this step. Else, this step is done manually as follows.

In start menu, search for “advance system setting”. Select “view advance system settings”. In the “system properties” window, click on the “advanced” tab and then click on the “Environment variables” button.

Locate the python installation directory on system. If we follow the above steps, python will be installed in below locations:

>C:\Program Files (x86)\python 37-32: for 32-bit installation

>C:\Program Files\python 37-32: for 64-bit installation

The folder name may be different from “python37-32” if we installed a different version. Look for a folder whose name starts with python.

Step 4: Verify the python Installation

You have successfully installed python 3.10 on windows 11. You can verify if the python installation is successful either through the command line or through the IDLE app that gets installed along with the installation.

Search for the command prompt and type “python”. You can see that Python 3.10 is successfully installed.

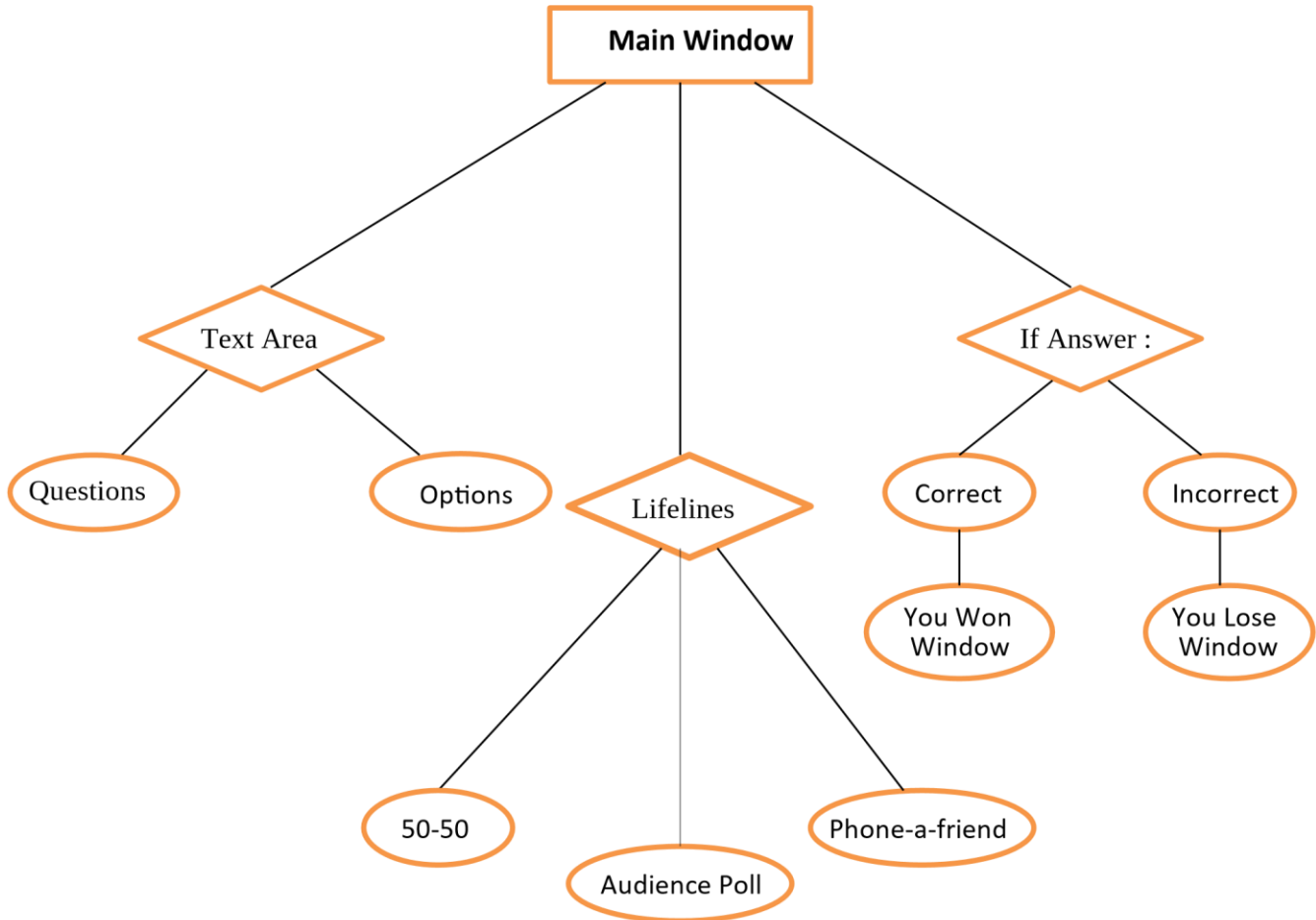
An alternative way to search for “python” is the start menu and clicking on IDLE (python 3.10 64-bit). You can start coding in python using the integrated development environment (IDLE).

Now, we are ready to start developing python applications in your windows 11 system.

OBJECTIVES

1. To improve the general knowledge of the individual playing the game.
2. To spend some spare time with the game to relieve stress.
3. It also offers multiple lifelines by which it becomes interesting.
4. The lifelines are named as 50-50, Audience Poll and Phone-a-friend.
5. Using the lifelines, it helps the individual playing the game to win the game.

System Architecture and Working



LAYOUT

Design:

The screenshot shows the game interface for 'Kaun Banega Crorepati?'. At the top, there are three icons: a timer showing '50:50', a group of three people, and a telephone handset. In the center is the 'MILLIONAIRE' logo with the text 'WHO WANTS TO BE A MILLIONAIRE' and 'WHO WANTS TO BE A'. Below the logo is the question: 'Which is the largest country in the world?'. There are four options: A: India, B: USA, C: China, and D: Russia. On the right side, there is a prize ladder with 15 levels, each with a corresponding amount in British pounds (£).

Level	Prize
15	£1 Million
14	£500,000
13	£250,000
12	£125,000
11	£64,000
10	£32,000
9	£16,000
8	£8,000
7	£4,000
6	£2,000
5	£1,000
4	£500
3	£300
2	£200
1	£100

You Won :



You Won!!



Play Again

Close

You Lose :



CODING

KBC Quiz Application.py:

```
from tkinter import *
from tkinter.ttk import Progressbar
from pygame import mixer
import pytttsx3

engine = pytttsx3.init()
voices = engine.getProperty('voices')
engine.setProperty('voice', voices[0].id)

mixer.init()
                mixer.music.load('Kaun Banega Crorepati - Sound Effect
- BGM.mp3') mixer.music.play()

def select (event):
callButton.place_forget()
progressbarA.place_forget()
progressbarB.place_forget()
progressbarC.place_forget()
progressbarD.place_forget()

                progressbarLabelA.place_forget()
progressbarLabelB.place_forget()
progressbarLabelC.place_forget()
progressbarLabelD.place_forget()

                b = event.widget
value = b['text']
```

```

        for i in range(15):
            correct_answers[i]:
            correct_answers[14]:
            close():
            root.destroy()

            if value ==
            if value ==
            def
            root2.destroy()

            def playagain ():
                lifeline50Button.config(state=NORMAL,
                    image=image50)
                audiencePollButton.config(state=NORMAL,
                    image=audiencePoll)
                phoneLifelineButton.config(state=NORMAL,
                    image=phoneImage)

            mixer.music.load('Kaun Banega Crorepati
            Sound Effect - BGM.mp3')
            mixer.music.play()

            root2.destroy()
            questionArea.delete(1.0, END)
            questionArea.insert(END, questions[0])

            optionButton1.config(text=first_option[0])
            optionButton2.config(text=second_option[0])
            optionButton3.config(text=third_option[0])
            optionButton4.config(text=fourth_option[0])

            amountLabel.config(image=amountimage)

            mixer.music.stop()

            mixer.music.load('Kbcwon.mp3')
            mixer.music.play()

```

```

root2 = Toplevel()
root2.overrideredirect(True)

```

```

        root2.config(bg='Black')
root2.geometry('500x400+140+30')
root2.title('You won 0 Pounds')
        imgLabel = Label(root2, image=centerImage, bd=0)
imgLabel.pack(pady=30)

        winLabel = Label(root2, text='You Won!!',
font=('arial', 40, 'bold'),
bg='Black', fg='Green')
        winLabel.pack()

        playagainButton = Button(root2, text='Play
Again',
                                font=('arial',
20, 'bold'),
                                fg='White',
                                activebackground='Black',
                                activeforeground='White',
                                bd=0, cursor='hand2',
                                command=playagain)
playagainButton.pack()

        closeButton = Button(root2, text='Close',
font=('arial', 20, 'bold'),
bg='Black', fg='White',
activebackground='Black',
activeforeground='White',
bd=0, cursor='hand2',
command=close)
        closeButton.pack()

        happyimage = PhotoImage(file='happy.png')
sadLabel = Label(root2, image=happyimage,
bg='Black')
        sadLabel.place(x=30, y=280)

```

```

questionArea.delete(1.0,END)
questionArea.insert(END,questions[i+1])

        optionButton1.config(text=first_option[i+1])
optionButton2.config(text=second_option[i+1])
optionButton3.config(text=third_option[i+1])

```

```

optionButton4.config(text=fourth_option[i+1])
amountLabel.config(image=amountImages[i])

        if value not in correct_answers:
def close():
root1.destroy()
root.destroy()

        def tryagain():
lifecycle50Button.config(state=NORMAL,image=image50)
audiencePollButton.config(state=NORMAL,
        image=audiencePoll)
phoneLifelineButton.config(state=NORMAL,
image=phoneImage)

                mixer.music.load('Kaun Banega Crorepati
- Sound Effect - BGM.mp3' )                mixer.music.play()

                root1.destroy()
                questionArea.delete(1.0, END)
questionArea.insert(END, questions[0])

                optionButton1.config(text=first_option[0])
optionButton2.config(text=second_option[0])
optionButton3.config(text=third_option[0])
optionButton4.config(text=fourth_option[0])

                amountLabel.config(image=amountimage)

```

17

```

                mixer.music.stop()
                mixer.music.load('Kbc - Wrong Answer Sound.mp3')
                mixer.music.play()

                root1=Toplevel()
root1.overrideredirect(True)
root1.config(bg='Black')
root1.geometry('500x400+140+30')
root1.title('You won 0 Pounds')
                imgLabel = Label(root1,image=centerImage,bd=0)
imgLabel.pack(pady=30)

```



```

        loseLabel=Label(root1,text='You Lose!!',
font=('arial',40,'bold'),
bg='Black',fg='Red')                loseLabel.pack()

        tryagainButton = Button(root1,text='Try again',
font=('arial',20,'bold'),
bg='Black',fg='White',
activebackground='Black',
        activeforeground='White',
bd=0,cursor='hand2',
command=tryagain)                tryagainButton.pack()

        closeButton      =      Button(root1,      text='Close',
font=('arial', 20, 'bold'),      bg='Black',
                                fg='White',
                                activebackground='Black',
activeforeground='White',      Bd=0,
cursor='hand2',command=close)    closeButton.pack()

        sadimage = PhotoImage(file='sad.png')
sadLabel = Label(root1,image=sadimage,bg='Black')
sadLabel.place(x=30,y=280)

                                18

        sadLabel1 = Label(root1, image=sadimage,bg='Black')
sadLabel1.place(x=400, y=280)

root1.mainloop()

breakdef lifeline50():

        lifeline50Button.config(image=image50X,state=DISABLED)

        if questionArea.get(1.0,'end-1c')==questions[0]:
optionButton1.config(text='')
optionButton3.config(text='')

        if questionArea.get(1.0,'end-1c')==questions[1]:
optionButton1.config(text='')
optionButton4.config(text='')

```

```
    if questionArea.get(1.0, 'end-1c')==questions[2]:
optionButton2.config(text='')
optionButton4.config(text='')
        if questionArea.get(1.0, 'end-1c') ==
questions[3]:      optionButton2.config(text='')
optionButton4.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[4]:
optionButton1.config(text='')
optionButton4.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[5]:
optionButton3.config(text='')
optionButton4.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[6]:
optionButton1.config(text='')
optionButton4.config(text='')
        if questionArea.get(1.0, 'end-1c') ==
questions[7]:      optionButton3.config(text='')
optionButton4.config(text='')
```

19

```
    if questionArea.get(1.0, 'end-1c') == questions[8]:
optionButton3.config(text='')
optionButton4.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[9]:
optionButton1.config(text='')
optionButton4.config(text='')          if
questionArea.get(1.0, 'end-1c') == questions[10]:
    optionButton1.config(text='')
optionButton3.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[11]:
optionButton2.config(text='')
optionButton4.config(text='')
```

```

    if questionArea.get(1.0, 'end-1c') == questions[12]:
optionButton2.config(text='')
optionButton3.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[13]:
optionButton1.config(text='')
optionButton3.config(text='')

    if questionArea.get(1.0, 'end-1c') == questions[14]:
optionButton1.config(text='')
optionButton2.config(text='')

def audiencePollLifeline():
audiencePollButton.config(image=audiencePollX, state=DISABLED)

    progressbarA.place(x=580,y=190)
progressbarB.place(x=620, y=190)
progressbarC.place(x=660, y=190)
progressbarD.place(x=700, y=190)

```

20

```

    progressbarLabelA.place(x=580,y=320)
progressbarLabelB.place(x=620, y=320)
progressbarLabelC.place(x=660, y=320)
progressbarLabelD.place(x=700, y=320)

    if questionArea.get(1.0,'end-1c')==questions[0]:
progressbarA.config(value=7)
progressbarB.config(value=3)
progressbarC.config(value=10)
progressbarD.config(value=80)        if
questionArea.get(1.0, 'end-1c') == questions[1]:
progressbarA.config(value=5)
progressbarB.config(value=75)
progressbarC.config(value=15)
progressbarD.config(value=5)

    if questionArea.get(1.0, 'end-1c') == questions[2]:
progressbarA.config(value=60)
progressbarB.config(value=5)
progressbarC.config(value=30)
progressbarD.config(value=5)

    if questionArea.get(1.0, 'end-1c') == questions[3]:
progressbarA.config(value=20)

```

```
progressbarB.config(value=2)
progressbarC.config(value=75)
progressbarD.config(value=3)
```

```
    if questionArea.get(1.0, 'end-1c') == questions[4]:
progressbarA.config(value=10)
progressbarB.config(value=50)
progressbarC.config(value=30)
progressbarD.config(value=10)
```

```
    if questionArea.get(1.0, 'end-1c') == questions[5]:
progressbarA.config(value=60)
progressbarB.config(value=15)
progressbarC.config(value=10)
progressbarD.config(value=15)
```

21

```
    if questionArea.get(1.0, 'end-1c') == questions[6]:

        progressbarA.config(value=4)
progressbarB.config(value=50)
progressbarC.config(value=30)
progressbarD.config(value=16)
```

```
    if questionArea.get(1.0, 'end-1c') == questions[7]:
progressbarA.config(value=7)
progressbarB.config(value=70)
progressbarC.config(value=20)
progressbarD.config(value=3)
        if questionArea.get(1.0, 'end-1c') ==
questions[8]:
            progressbarA.config(value=60)
progressbarB.config(value=30)
progressbarC.config(value=8)
progressbarD.config(value=2)
```

```
    if questionArea.get(1.0, 'end-1c') == questions[9]:
progressbarA.config(value=9)
progressbarB.config(value=15)
progressbarC.config(value=75)
progressbarD.config(value=1)
```

```
    if questionArea.get(1.0, 'end-1c') == questions[10]:
progressbarA.config(value=10)
progressbarB.config(value=2)
progressbarC.config(value=3)
```

```

progressbarD.config(value=85)      if
questionArea.get(1.0, 'end-1c') == questions[11]:
    progressbarA.config(value=20)
progressbarB.config(value=10)
progressbarC.config(value=60)
progressbarD.config(value=10)

    if questionArea.get(1.0, 'end-1c') == questions[12]:
progressbarA.config(value=30)
progressbarB.config(value=3)
progressbarC.config(value=7)
progressbarD.config(value=50)

```

22

```

    if questionArea.get(1.0, 'end-1c') == questions[13]:
progressbarA.config(value=5)
progressbarB.config(value=17)
progressbarC.config(value=8)
progressbarD.config(value=70)

    if questionArea.get(1.0, 'end-1c') == questions[14]:
progressbarA.config(value=9)
progressbarB.config(value=1)
progressbarC.config(value=75)
progressbarD.config(value=15)

def phoneLifeline():
mixer.music.load('calling.mp3')
    mixer.music.play()      callButton.place(x=70,y=260)
phoneLifelineButton.config(image=phoneImageX,state=DISABLED)

def phoneclick():      for i in range(15):      if
questionArea.get(1.0,'end-1c')==questions[i]:
    engine.say(f'The answer is {correct_answers[i]}')
engine.runAndWait()

correct_answers = ["Russia","366","Heron","Dollar","Python","36",
"Linux","Lion","11:23PM","MI","Jupiter","7",
    "1000 years", "Apple","Bill Gates"]

questions = ["Which is the largest country in the world?",
    "How many days are there in a leap year?",
    "Which one of these four birds has the longest beak
and feet?","What is the national currency of the

```

United States of America (USA)?", "Guido van Rossum in 1991 designed which language?", "Finish the sequence: 9,18,27,_?", "Which one is the first fully supported 64-bit operating system?", "Which animal is called the king of the jungle?", "what time corresponds to 23:23 hours ?", "Which team has won most number of IPL matches ?", "Which is the largest planet in our Solar system?", "How many continents are there in the world?", "How many years are there in one Millenium?", "ipad is manufactured by?", "Who founded Microsoft?"]

23

```
first_option = ["India", "354", "Heron", "Euro", "Javascript", "36",  
               "Windows 7", "Elephant", "11:23PM", "KKR",  
               "Earth", "8", "100 years", "Google", "Monty Ritz"]
```

```
second_option = ["USA", "366", "Parrot", "Peso ", "Python", "34",  
                "Linux", "Lion", "11.11PM", "CSK", "Uranus", "5",  
                "50 years", "Microsoft", "Danis Lio"]
```

```
third_option = ["China", "365", "Crow", "Dollar", "Java", "30",  
               "Mac", "Tiger", "7:23PM", "MI", "Mars", "7",  
               "500 years", "Amazon", "Bill Gates"]
```

```
fourth_option = ["Russia", "420", "Pigeon", "Yen", "C++", "37",  
                "Windows XP", "Cow", "9.11PM", "RCB", "Jupiter",  
                "6", "1000 years", "Apple", "Jeff Bezos"]
```

```
root=Tk()
```

```
root.geometry('1270x652+0+0')  
root.title('Kaun Banega Crorepati?')
```

```
root.config(bg='Black')
```

```
leftframe=Frame(root,bg='Black',padx=90)  
leftframe.grid(row=0,column=0)
```

```
topFrame=Frame(leftframe,bg='Black',pady=15)  
topFrame.grid()
```

```
centerFrame=Frame(leftframe,bg='Black',pady=15)  
centerFrame.grid(row=1,column=0)
```

```
        bottomFrame=Frame(leftframe)  
bottomFrame.grid(row=2,column=0)
```

```
rightframe=Frame(root,pady=25,padx=50,bg='Black')
rightframe.grid(row=0,column=1)
    image50=PhotoImage(file='50-50.png')
image50X=PhotoImage(file='50-50-X.png')
```

```

lifeline50Button=Button(topFrame, image=image50, bg='Black', bd=0,
activebackground='Black', width=180, height=80
, command=lifeline50)
lifeline50Button.grid(row=0, column=0)

audiencePoll=PhotoImage(file='audiencePole.png')
audiencePollX=PhotoImage(file='audiencePoleX.png')

audiencePollButton=Button(topFrame, image=audiencePoll, bg='Black',
bd=0, activebackground='Black', width=180,
Height=80, command= audiencePollLifeline )
audiencePollButton.grid(row=0, column=1)

phoneImage=PhotoImage(file='phoneAFriend.png')
phoneImageX=PhotoImage(file='phoneAFriendX.png')

phoneLifelineButton=Button(topFrame, image=phoneImage, bg='Black',
bd=0, activebackground='Black', width=180,
height=80, command= phoneLifeline )
phoneLifelineButton.grid(row=0, column=2)
callimage=PhotoImage(file='phone.png')

callButton=Button(root, image=callimage, bd=0, bg='Black',
activebackground='Black', cursor='hand2',
command=phoneclick) centerImage=PhotoImage(file='center.png')

logoLabel=Label(centerFrame, image=centerImage, bg='Black', width=300,
height=200)
logoLabel.grid(row=0, column=0)

amountimage=PhotoImage(file='Picture0.png')
amountimage1=PhotoImage(file='Picture1.png')
amountimage2=PhotoImage(file='Picture2.png')
amountimage3=PhotoImage(file='Picture3.png')
amountimage4=PhotoImage(file='Picture4.png')
amountimage5=PhotoImage(file='Picture5.png')
amountimage6=PhotoImage(file='Picture6.png')
amountimage7=PhotoImage(file='Picture7.png')
amountimage8=PhotoImage(file='Picture8.png')
amountimage9=PhotoImage(file='Picture9.png')

amountimage10=PhotoImage(file='Picture10.png')
amountimage11=PhotoImage(file='Picture11.png')

```



```
amountimage12=PhotoImage(file='Picture12.png')
amountimage13=PhotoImage(file='Picture13.png')
amountimage14=PhotoImage(file='Picture14.png')
amountimage15=PhotoImage(file='Picture15.png')
```

```
amountImages=(amountimage1, amountimage2, amountimage3, amountimage4,
amountimage5, amountimage6, amountimage7, amountimage8,
amountimage9, amountimage10, amountimage11,
amountimage12, amountimage13, amountimage14,
amountimage15)
```

```
amountLabel=Label(rightframe, image=amountimage, bg='Black')
amountLabel.grid(row=0, column=0)
layoutImage=PhotoImage(file='lay.png')
```

```
layoutLabel=Label(bottomFrame, image=layoutImage, bg='Black')
layoutLabel.grid(row=0, column=0)
```

```
questionArea=Text(bottomFrame, font=('arial', 18, 'bold'), width=34, height=2, wrap='word', bg='Black', fg='White', bd=0)
questionArea.place(x=70, y=10) questionArea.insert(END, questions[0])
```

```
labelA=Label(bottomFrame, text='A:', bg='Black', fg='White', font=('arial', 16, 'bold')) labelA.place(x=60, y=110)
```

```
optionButton1=Button(bottomFrame, text=first_option[0], font=('arial', 18, 'bold'), bg='Black', fg='White', bd=0, activebackground='Black', activeforeground='White', cursor='hand2')
optionButton1.place(x=100, y=100)
```

26

```
labelB=Label(bottomFrame, text='B:', bg='Black', fg='White', font=('arial', 16, 'bold')) labelB.place(x=330, y=110)
```

```
optionButton2=Button(bottomFrame, text=second_option[0], font=('arial', 18, 'bold'), bg='Black',
```

```
fg='White',bd=0,activebackground='Black',
activeforeground='White',cursor='hand2')
optionButton2.place(x=370,y=100)
```

```
labelC=Label(bottomFrame,text='C:',bg='Black',fg='White',
font=('arial',16,'bold')) labelC.place(x=60,y=190)
```

```
optionButton3=Button(bottomFrame,text=third_option[0],
font=('arial',18,'bold'),bg='Black',fg='White', bd=0,
activebackground='Black',activeforeground='White',
cursor='hand2') optionButton3.place(x=100,y=180)
```

```
labelD=Label(bottomFrame,text='D:',bg='Black',fg='White',
font=('arial',16,'bold'))
labelD.place(x=330,y=190)
```

```
optionButton4=Button(bottomFrame,text=fourth_option[0],
font=('arial',18,'bold'),bg='Black',fg='White',
bd=0,activebackground='Black',
activeforeground='White',cursor='hand2')
optionButton4.place(x=370,y=180)
```

```
progressbarA=Progressbar(root,orient=VERTICAL,length=120)
progressbarB=Progressbar(root,orient=VERTICAL,length=120)
progressbarC=Progressbar(root,orient=VERTICAL,length=120)
progressbarD=Progressbar(root,orient=VERTICAL,length=120)
```

```
progressbarLabelA=Label (root,text='A',font=('arial',20,'bold'),
                        bg='Black',fg='White')

progressbarLabelB=Label (root,text='B',font=('arial',20,'bold'),
                        bg='Black',fg='White')
progressbarLabelC=Label (root,text='C',font=('arial',20,'bold'),
                        bg='Black',fg='White')
progressbarLabelD=Label (root,text='D',font=('arial',20,'bold'),
                        bg='Black',fg='White')



optionButton1.bind('<Button-1>',select)
optionButton2.bind('<Button-1>',select)
optionButton3.bind('<Button-1>',select)
optionButton4.bind('<Button-1>',select)


root.mainloop()
```

RESULT

Playing KBC :

Kaun Banega Crorepati?

50:50  



Which is the largest country in the world?



A: India B: USA


C: China D: Russia

15	●	£1 Million
14	●	£500,000
13	●	£250,000
12	●	£125,000
11	●	£64,000
10	●	£32,000
9	●	£16,000
8	●	£8,000
7	●	£4,000
6	●	£2,000
5	●	£1,000
4	●	£500
3	●	£300
2	●	£200
1	●	£100

50-50 lifeline:

Kaun Banega Crorepati?

~~50:50~~  



Which is the largest country in the world?



A: B: USA


C: D: Russia

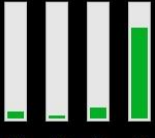
15	●	£1 Million
14	●	£500,000
13	●	£250,000
12	●	£125,000
11	●	£64,000
10	●	£32,000
9	●	£16,000
8	●	£8,000
7	●	£4,000
6	●	£2,000
5	●	£1,000
4	●	£500
3	●	£300
2	●	£200
1	●	£100

Audience Poll:

Kaun Banega Crorepati?

50:50  



A B C D 

Which is the largest country in the world?



A: India B: USA


C: China D: Russia


15	●	£1 Million
14	●	£500,000
13	●	£250,000
12	●	£125,000
11	●	£64,000
10	●	£32,000
9	●	£16,000
8	●	£8,000
7	●	£4,000
6	●	£2,000
5	●	£1,000
4	●	£500
3	●	£300
2	●	£200
1	●	£100

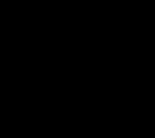
Phone-a-friend

Kaun Banega Crorepati?

50:50  





A B C D 

Which is the largest country in the world?

A: India B: USA

C: China D: Russia

15	●	£1 Million
14	●	£500,000
13	●	£250,000
12	●	£125,000
11	●	£64,000
10	●	£32,000
9	●	£16,000
8	●	£8,000
7	●	£4,000
6	●	£2,000
5	●	£1,000
4	●	£500
3	●	£300
2	●	£200
1	●	£100

You won :



You Lose:



ADVANTAGES

- This quiz game acts like a powerful tool that can enhance the learning experience for students and language learners.
- This project has the potential to transform the way we learn and use languages.
- It can act as a great stress buster for the user.

CONCLUSION

I hereby declare that this project is completed by me.

This project is user friendly and very easy to understand, also for the first timers. I am satisfied with my project as explanation and working of each screen is provided with screen layout and illustrations.

Everything about designing, coding and implementation of this project is given inside this report.

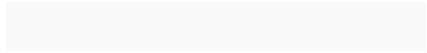
With the help of this project report people can get useful information about the development and working of the software.

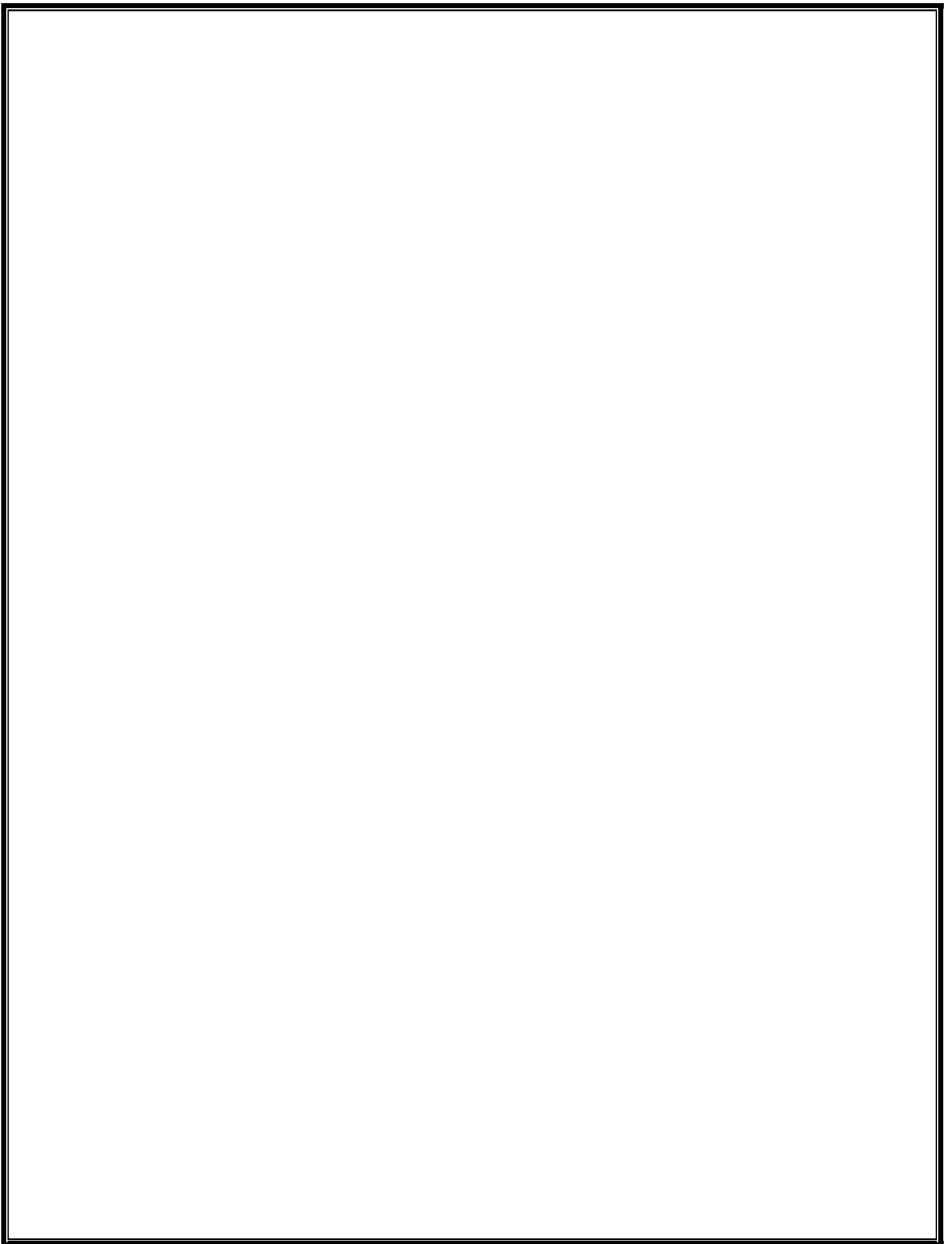
Future Updates

- Further if we want updates we can add random questions according to the price money.
- We can add datasets of questions to the code.
- We can add time limit to each of the questions.
- User Interface can be made much better .

References:

- <https://www.google.com>
- <https://imojo.in/3l0l5ky>
- <https://www.youtube.com/>
- <https://www.tutorialspoint.com/android/>
- https://www.w3schools.com/colors/colors_picker.asp





SONOPANT DANDEKAR SHIKSHAN MANDALI'S



A

Project Report On

News Portal in PHP

SUBMITTED BY

Shaw RohitKumar NagendraKumar

66039

UNDER THE GUIDANCE OF

Dr. Vaishali Shindekar

THIRD YEAR BACHELOR OF SCIENCE

IN

COMPUTER SCIENCE

SEMESTER-VI

MUMBAI UNIVERSITY

2022-2023

SONOPANT DANDEKAR SHIKSHAN MANDALI'S



SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE
AND M.H. MEHTA SCIENCE COLLEGE,
PALGHAR-401404.

Department of Computer Science.

CERTIFICATE

This is to certify that **SHAW ROHITKUMAR NAGENDRAKUMAR** is a student studying in TY.BSC.CS SEM VI. He has completed project work entitled News Portal in PHP under the guidance of Faculty Member **Dr.Vaishali Shindekar** satisfactorily and has submitted to the University of Mumbai in partial fulfillment of the requirement during the academic year 2022-2023. The matter presented in the project report has not been submitted earlier.



College Stamp

Ms. S. S. Patil

H.O.D

V. Shindekar

Project Guide

Dr. Vaishali Shindekar

External

Plagiarism Scan Report

Report Generated on: Mar 13,2023

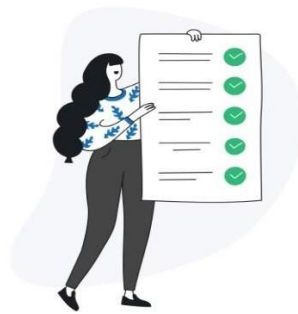


Content Checked for Plagiarism

Features:

The News Portal project includes the following features:

1. User registration and login: Users can create accounts and log in to the website to access personalized news feeds and save articles for later reading.
2. Article publishing: News organizations can publish articles to the website. Articles can include text, images, and videos.
3. Article categories: Articles can be categorized by topic, such as politics, sports, entertainment, etc. Users can filter articles by category.
4. Search functionality: Users can search for articles by keyword.
5. Commenting system: Users can comment on articles and engage in discussions with other users.
6. Advertising platform: News organizations can display ads on the website to monetize their content.
7. Responsive design: The website is designed to be responsive, so it can be viewed on any device.



No Plagiarism Found

INDEX

SR.NO	CONTENTS	PAGE.NO
1	Acknowledgment	1
2	Requirement	2
3	Introduction	3
4	Objective	4-6
5	Installation of VS Code	7
6	Installation of PHP	8-9
7	Installation of MySQL	10-12
8	Coding	13-31
9	Result	30-34
10	Technical Details	35
11	Advantages	36
12	Conclusion	37
13	Reference	38

ACKNOWLEDGEMENT

The gratification and joy that accompanies the successful completion of any task would be incomplete without the humble and deep-felt expression of gratitude to everyone who has made it possible.

I would like to extend my heartfelt gratitude to **RASHMI VARADE** who gave me an opportunity to work under her guidance in this department.

Further would like to place on record my grateful thanks to friends and family who spent their valuable time in guiding me in this project, whose cooperation and encouragement, has immensely helped in the completion of the project.

I also would like to convey my sincere thanks to **Dr.Vaishali Shindekar** my internal project guide, who has been a constant source of motivation and inspiration and has helped in bring out the best in me. I am also thankful to all computer science department staff members who have contributed to the successful completion of this project.

Place: Palghar

Date:

Shaw Rohitkumar NagendraKumar.

Requirement:

- Hardware Requirement:

- Laptop or PC(4GB RAM)
- 512 SSD/1TB HDD
- 15*1 LCD
- Processor (Minimum Dual Core with base clock speed 2GHz)

- Software Requirement:

- Visual Studio Code
- Chrome Update latest version support
- HTML
- CSS
- JavaScript
- Bootstrap
- MySQL
- PHP
- Any Smartphone with Camera & Internet Connection

INTRODUCTION

News Portal Project using PHP and MySQL is a web based application. It is a dynamic system. It can be maintain and changed easily because it is based on database. It's contain web pages that are generated in real-time. These pages include Web scripting code, such as PHP. It is fully secured from unauthorized access. In a word In a word it can say that our Online News Portal website is a completely dynamic website.

The purpose of this project is to develop a News Portal website that allows users to read and publish news articles. The website will be built using PHP, HTML, CSS, and JavaScript. The project aims to provide a platform for users to read and write news articles in different categories.



Objective:

News Portal is an online communication medium for internet users which are read all over the world. ... The news portal development allows to publish publications, press releases, columns, articles, blogs and other news related content. A news portal is an access point to news; This is generally thought of as a Internet connection to a news source but the definition of a “Portal” would include a newspaper, magazine or any other access to news. A web portal is any access point to the Internet

Features:

The News Portal project includes the following features:

User registration and login: Users can create accounts and log in to the website to access personalized news feeds and save articles for later reading.

Article publishing: News organizations can publish articles to the website. Articles can include text, images, and videos.

Article categories: Articles can be categorized by topic, such as politics, sports, entertainment, etc. Users can filter articles by category.

Search functionality: Users can search for articles by keyword.

Commenting system: Users can comment on articles and engage in discussions with other users.

Advertising platform: News organizations can display ads on the website to monetize their content.

Responsive design: The website is designed to be responsive, so it can be viewed on any device.

Project Scope:

The News Portal website will have the following features:

User Management

The website will have a user registration and login system. Users will be able to create their accounts and log in to the website using their credentials.

News Categories

The website will have different categories for news articles such as Business, Politics, Sports, Entertainment, etc.

News Articles

Registered users will be able to create and publish news articles. The articles will have a title, body, and image. Users will also be able to select the category for their article.

Comments

Users will be able to comment on news articles. Comments will be moderated by the website admin.

Search

The website will have a search functionality to allow users to search for news articles by title or category.

Admin Panel

The website admin will have a control panel to manage user accounts, news articles, comments, and categories.

Project Implementation

Front-end

The website's front-end will be developed using HTML, CSS, and JavaScript. The website will be responsive and compatible with different screen sizes.

Back-end

The back-end of the website will be developed using PHP and MySQL. The website will be hosted on a web server, and the database will be hosted on a MySQL server.

Project Plan

The following is the project plan for the News Portal website:

Project initiation and planning

Design the website's user interface

Develop the website's front-end

Develop the website's back-end

Test and debug the website

Host the website on a web server

How to install Visual Studio Code on Windows OS

About VS Code

Visual Studio Code is a free source-code editor made by Microsoft for Linux, Windows, and mac OS. VS Code has support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, add keyboard shortcuts, edit preferences, and install extensions to add functionality.

Microsoft has released Visual Studio Code's source code on [GitHub.com](https://github.com)'s VS Code repository under the permissive MIT License. The compiled binaries are freeware.

- Developed by: Microsoft Corporation Developer(s): Microsoft Written in: TypeScript, JavaScript, CSS *Platforms: x86-32 (32 bit Intel x86), x86-64, AArch64*

How to install Visual Studio code

Step 1 :

- Download VS code from here [Link](#).

Step 2 :

- Download the Visual Studio Code installer for Windows. Once it is downloaded, run the installer (VSCodeUserSetup-{version}.exe). Then, run the file – it will only take a minute.
- Accept the agreement and click “next.”
- After accepting all the requests press the finish button. By default, VS Code installs under: "C:\users{username}\AppData\Local\Programs\Microsoft VS Code."
- If the installation is successful, you will see the following:

How to install PHP in windows 10?

- Difficulty Level: Hard
- Last Updated: 12 Jan 2022
- Read
- Discuss

PHP is a general-purpose scripting language geared toward web development. PHP is open-source software (OSS). PHP is free to use and download. PHP stands for PHP Hypertext Preprocessor. PHP file have extension called .php. PHP supports many databases MySQL, Oracle, etc. PHP is free to download and use. It was created by a Danish Canadian and designed by Rasmus Lerdorf in 1994. The common websites that are used are eCommerce, Social Platforms, Email Hosting, etc.

Installing PHP on Windows:

Follow the below steps to install PHP on Windows:

Step 1: Visit <https://www.php.net/> website using any web browser and click on Downloads.

Step 2: Click on the Windows “**Downloads**” button.

Step 3: The new webpage has different options, choose the Thread safe version, click on the zip button and Download it.

Step 4: Now check for the executable file in downloads in your system and extract it.

Step 5: After extracting, you get the extracted folder.

Step 6: Now copy the extracted folder.

Step 7: Now paste the copy folder into your windows drive in the Program files folder.

Step 8: Now the Permission Windows appears to paste the folder in program files then click on “Continue”.

Step 9: Now after pasting the folder then copy the address of the folder in the program files.

Step 10: Now click on Start Menu and search “Edit the system environment variables” and open it.

Step 11: After opening System, the Variable New window appears, and click on “Environment Variables...”

Step 12: Now go to the “System variables” *Path* option and double click on *Path*.

Step 13: Next screen will open and click on the “New” button.

Step 14: After New Paste the address we copy from program files to new and click on *Enter* button.

Step 15: Now Click on the **OK** button.

Step 16: Click on the **OK** button.

Step 17: Click on **OK** for saving changes.

Step 18: Now your PHP is installed on your computer. You may check by going to the “**Start**” menu and typing Command Prompt. Open it.

Step 19: When the Command Prompt opens, type **PHP -v**

Step 20: Now enter the command prompt to show the version of PHP installed on your computer.

You have successfully installed PHP on your Windows 10 system.

How to install MySQL

MySQL is one of the most popular relational database management software that is widely used in today's industry. It provides multi-user access support with various storage engines. It is backed by Oracle Company. In this section, we are going to learn how we can download and install MySQL for beginners.

Prerequisites

The following requirements should be available in your system to work with [MySQL](#)

- **MySQL Setup Software**
- Microsoft .NET Framework 4.5.2
- Microsoft Visual C++ Redistributable for Visual Studio 2019
- RAM 4 GB (6 GB recommended)

Download MySQL

Follow these steps:

Step 1: Go to the [official website](#)

of MySQL and download the community server edition software. Here, you will see the option to choose the Operating System, such as Windows.

Step 2: Next, there are two options available to download the setup. Choose the version number for the MySQL community server, which you want. If you have good internet connectivity, then choose MySQL-installer-web-community. Otherwise, choose the other one.

Installing MySQL on Windows

Step 1: After downloading the setup, unzip it anywhere and double-click the MSI **installer .exe file**. It will give the following screen:

Step 2: In the next wizard, choose the **Setup Type**. There are several types available, and you need to choose the appropriate option to install MySQL product and [features](#)

. Here, we are going to select the **Full** option and click on the Next button.

This option will install the following things: MySQL Server, MySQL Shell, MySQL Router, [MySQL Workbench](#)

, MySQL Connectors, documentation, samples and examples, and many more.

Step 3: Once we click on the Next button, it may give information about some features that may fail to install on your system due to a lack of requirements. We can resolve them by clicking on the **Execute** button that will install all requirements automatically or can skip them. Now, click on the Next button.

Step 4: In the next wizard, we will see a dialog box that asks for our confirmation of a few products not getting installed. Here, we have to click on the **Yes** button.

After clicking on the Yes button, we will see the list of the products which are going to be installed. So, if we need all products, click on the Execute button.

Step 5: Once we click on the Execute button, it will download and install all the products. After completing the installation, click on the Next button.

Step 6: In the next wizard, we need to configure the MySQL Server and Router. Here, I am not going to configure the Router because there is no need to use it with MySQL. We are going to show you how to configure the server only. Now, click on the Next button.

Step 7: As soon as you will click on the Next button, you can see the screen below. Here, we have to configure the MySQL Server. Now, choose the Standalone MySQL Server/Classic MySQL Replication option and click on Next. Here, you can also choose the InnoDB Cluster based on your needs.

Step 8: In the next screen, the system will ask you to choose the Config Type and other connectivity options. Here, we are going to select the **Config Type** as 'Development Machine' and Connectivity as **TCP/IP**, and **Port Number** is 3306, then click on Next.

Step 9: Now, select the Authentication Method and click on Next. Here, I am going to select the first option.

Step 10: The next screen will ask you to mention the MySQL Root Password. After filling in the password details, click on the Next button.

Step 11: The next screen will ask you to configure the Windows Service to start the server. Keep the default setup and click on the Next button.

Step 12: In the next wizard, the system will ask you to apply the Server Configuration. If you agree with this configuration, click on the Execute button.

Step 13: Once the configuration has been completed, you will get the screen below. Now, click on the **Finish** button to continue.

Step 14: In the next screen, you can see that the Product Configuration is completed. Keep the default setting and click on the Next-> Finish button to complete the MySQL package installation.

Step 15: In the next wizard, we can choose to configure the Router. So click on Next->Finish and then click the Next button.

Step 16: In the next wizard, we will see the Connect to Server option. Here, we have to mention the root password, which we had set in the previous steps.

On this screen, it is also required to check about the connection is successful or not by clicking on the Check button. If the connection is successful, click on the Execute button. Now, the configuration is complete, click on Next.

Step 17: In the next wizard, select the applied configurations and click on the Execute button.

Step 18: After completing the above step, we will get the following screen. Here, click on the Finish button.

Step 19: Now, the MySQL installation is complete. Click on the Finish button.

CODING

HTML/CSS/Bootstrap :

```
.popover {
  font-family: inherit;
  border: none;
  -webkit-border-radius: 3px;
  border-radius: 3px;
  -moz-border-radius: 3px;
  background-clip: padding-box;
  box-shadow: 0 0 28px rgba(0, 0, 0, 0.15);
}
.popover .popover-title {
  background-color: transparent;
  color: #7fc1fc;
  padding: 12px 15px;
  font-size: 15px;
}
.popover .arrow {
  border-color: transparent !important;
}
/* Tooltips */
.tooltip {
  font-family: 'Hind Madurai', sans-serif;
}
.tooltip .tooltip-inner {
  padding: 4px 10px;
  border-radius: 2px;
  background-color: #313a46;
}
.tooltip.left .tooltip-arrow {
  border-left-color: #313a46;
}
.tooltip.top .tooltip-arrow {
  border-top-color: #313a46;
}
.tooltip.bottom .tooltip-arrow {
  border-bottom-color: #313a46;
}
.tooltip.right .tooltip-arrow {
  border-right-color: #313a46;
}
```

```

/* Tooltpster */
.tooltipster-sidetip.tooltipster-box {
  background-color: #7fc1fc;
  border: 2px solid #7fc1fc;
}
.tooltipster-sidetip.tooltipster-top .tooltipster-arrow-border,
.tooltipster-sidetip.tooltipster-top .tooltipster-arrow-background {
  border-top-color: #7fc1fc;
}
.tooltipster-sidetip.tooltipster-bottom .tooltipster-arrow-border,
.tooltipster-sidetip.tooltipster-bottom .tooltipster-arrow-background {
  border-bottom-color: #7fc1fc;
}
.tooltipster-sidetip.tooltipster-left .tooltipster-arrow-border,
.tooltipster-sidetip.tooltipster-left .tooltipster-arrow-background {
  border-left-color: #7fc1fc;
}
.tooltipster-sidetip.tooltipster-right .tooltipster-arrow-border,
.tooltipster-sidetip.tooltipster-right .tooltipster-arrow-background {
  border-right-color: #7fc1fc;
}
}
/* =====
Buttons
===== */
.btn {
  border-radius: 2px;
  padding: 6px 14px;
}
.btn-md {
  padding: 8px 18px;
}
.btn-group-lg > .btn,
.btn-lg {
  padding: 10px 16px !important;
  font-size: 16px;
}
.btn-group-sm > .btn,
.btn-sm {
  padding: 5px 10px !important;
}
.btn-group-xs > .btn,
.btn-xs {
  padding: 1px 5px !important;
}
.btn-group .btn + .btn,

```

```
.btn-group .btn + .btn-group,  
.btn-group .btn-group + .btn,  
.btn-group .btn-group + .btn-group {  
  margin-left: 0px;  
}  
.btn-group.open .dropdown-toggle {  
  -webkit-box-shadow: 0 0 0 100px rgba(0, 0, 0, 0.1) inset;  
  box-shadow: 0 0 0 100px rgba(0, 0, 0, 0.1) inset;  
}  
.btn-custom,  
.btn-primary,  
.btn-success,  
.btn-info,  
.btn-warning,  
.btn-danger,  
.btn-inverse,  
.btn-purple,  
.btn-pink,  
.btn-orange,  
.btn-brown,  
.btn-teal {  
  color: #ffffff !important;  
}
```

PHP:

```
<?php
session_start();
include('includes/config.php');

?>

<!DOCTYPE html>
<html lang="en">

<head>

  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <meta name="description" content="">
  <meta name="author" content="">

  <title>News Portal | Home Page</title>

  <!-- Bootstrap core CSS -->
  <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

  <!-- Custom styles for this template -->
  <link href="css/modern-business.css" rel="stylesheet">

</head>

<body>

  <!-- Navigation -->
  <?php include('includes/header.php');?>

  <!-- Page Content -->
  <div class="container">

    <div class="row" style="margin-top: 4%">

      <!-- Blog Entries Column -->
      <div class="col-md-8">

        <!-- Blog Post -->
        <?php
        if (isset($_GET['pageno'])) {
```



```

    $pageno = $_GET['pageno'];
} else {
    $pageno = 1;
}
$no_of_records_per_page = 8;
$offset = ($pageno-1) * $no_of_records_per_page;

$total_pages_sql = "SELECT COUNT(*) FROM tblposts";
$result = mysqli_query($con,$total_pages_sql);
$total_rows = mysqli_fetch_array($result)[0];
$total_pages = ceil($total_rows / $no_of_records_per_page);

```

```

$query=mysqli_query($con,"select tblposts.id as pid,tblposts.PostTitle as
posttitle,tblposts.PostImage,tblcategory.CategoryName as category,tblcategory.id as
cid,tblsubcategory.Subcategory as subcategory,tblposts.PostDetails as postdetails,tblposts.PostingDate as
postingdate,tblposts.PostUrl as url from tblposts left join tblcategory on tblcategory.id=tblposts.CategoryId
left join tblsubcategory on tblsubcategory.SubCategoryId=tblposts.SubCategoryId where
tblposts.Is_Active=1 order by tblposts.id desc LIMIT $offset, $no_of_records_per_page");
while ($row=mysqli_fetch_array($query)) {
?>

```

```

<div class="card mb-4">
">
<div class="card-body">
<h2 class="card-title"><?php echo htmlentities($row['posttitle']);?></h2>
<p><!--category-->
<a class="badge bg-secondary text-decoration-none link-light" href="category.php?catid=<?php echo
htmlentities($row['cid'])?>" style="color:#fff"><?php echo htmlentities($row['category']);?></a>
<!--Subcategory-->
<a class="badge bg-secondary text-decoration-none link-light" style="color:#fff"><?php echo
htmlentities($row['subcategory']);?></a></p>

<a href="news-details.php?nid=<?php echo htmlentities($row['pid'])?>" class="btn btn-
primary">Read More &rarr;</a>
</div>
<div class="card-footer text-muted">
    Posted on <?php echo htmlentities($row['postingdate']);?>

</div>
</div>
<?php } ?>

<!-- Pagination -->

```

```

<ul class="pagination justify-content-center mb-4">
  <li class="page-item"><a href="?pageno=1" class="page-link">First</a></li>
  <li class="<?php if($pageno <= 1){ echo 'disabled'; } ?> page-item">
    <a href="<?php if($pageno <= 1){ echo '#'; } else { echo "?pageno=".( $pageno - 1); } ?>"
class="page-link">Prev</a>
  </li>
  <li class="<?php if($pageno >= $total_pages){ echo 'disabled'; } ?> page-item">
    <a href="<?php if($pageno >= $total_pages){ echo '#'; } else { echo "?pageno=".( $pageno + 1); }
?> " class="page-link">Next</a>
  </li>
  <li class="page-item"><a href="?pageno=<?php echo $total_pages; ?>" class="page-
link">Last</a></li>
</ul>

```

```

</div>

```

```

<!-- Sidebar Widgets Column -->

```

```

<?php include('includes/sidebar.php');?>

```

```

</div>

```

```

<!-- /.row -->

```

```

</div>

```

```

<!-- /.container -->

```

```

<!-- Footer -->

```

```

<?php include('includes/footer.php');?>

```

```

<!-- Bootstrap core JavaScript -->

```

```

<script src="vendor/jquery/jquery.min.js"></script>

```

```

<script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

```

```

</head>

```

```

</body>

```

```

</html>

```

```

-<?php

```

```

session_start();

```

```

include('includes/config.php');

```

```

error_reporting(0);

```

```

if(strlen($_SESSION['login'])==0)

```

```

{

```

```

header('location:index.php');

```

```

}
else{

// Code for Add New Sub Admi
if(isset($_POST['submit'])){
$username=$_POST['sadminusername'];
$email=$_POST['emailid'];
$password=md5($_POST['pwd']);
$userType='0';
$query=mysqli_query($con,"insert into
tbladmin(AdminUserName,AdminEmailId,AdminPassword,userType )
values('$username','$email','$password','$userType')");
if($query){
echo "<script>alert('Sub-admin details added successfully.');

```

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```

<title>Newsportal | Add Subadmin</title>

```

```

<!-- App css -->

```

```

<link href="assets/css/bootstrap.min.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/core.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/components.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/icons.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/pages.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/menu.css" rel="stylesheet" type="text/css" />

```

```

<link href="assets/css/responsive.css" rel="stylesheet" type="text/css" />

```

```

<link rel="stylesheet" href="..plugins/switchery/switchery.min.css">

```

```

<script src="assets/js/modernizr.min.js"></script>

```

```

<script>

```

```

function checkAvailability() {

```

```

$("#loaderIcon").show();

```

```

jQuery.ajax({

```

```

url: "check_availability.php",

```

```

data:'username='+$("#sadminusername").val(),

```

```

type: "POST",

```

```

success:function(data){
$("#user-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
</script>
</head>

<body class="fixed-left">

<!-- Begin page -->
<div id="wrapper">

<!-- Top Bar Start -->
<?php include('includes/topheader.php');?>
<!-- Top Bar End -->

<!-- ===== Left Sidebar Start ===== -->
<?php include('includes/leftsidebar.php');?>
<!-- Left Sidebar End -->

<div class="content-page">
<!-- Start content -->
<div class="content">
<div class="container">

<div class="row">
<div class="col-xs-12">
<div class="page-title-box">
<h4 class="page-title">Add Subadmin</h4>
<ol class="breadcrumb p-0 m-0">
<li>
<a href="#">Admin</a>
</li>
<li>
<a href="#">Subadmin </a>
</li>
<li class="active">
Add Subadmin
</li>
</ol>
<div class="clearfix"></div>
</div>

```

```

        </div>
    </div>
    <!-- end row -->

    <div class="row">
        <div class="col-sm-12">
            <div class="card-box">
                <h4 class="m-t-0 header-title"><b>Add Subadmin </b></h4>
                <hr />

                <div class="row">
                    <div class="col-md-6">
<form class="form-horizontal" name="addsuadmin" method="post">
    <div class="form-group">
        <label for="exampleInputusername">Username (used for login)</label>
        <input type="text" placeholder="Enter Sub-Admin Username" name="sadminusername"
id="sadminusername" class="form-control" pattern="^[a-zA-Z][a-zA-Z0-9-_.]{5,12}$" title="Username
must be alphanumeric 6 to 12 chars" onBlur="checkAvailability()" required>
        <span id="user-availability-status" style="font-size:14px;"></span>
    </div>

    <div class="form-group">
        <label for="emailid">Email Id</label>
        <input type="email" class="form-control" id="emailid" name="emailid" placeholder="Enter
email" required>
    </div>

    <div class="form-group">
        <label for="password">Password</label>
        <input type="password" class="form-control" id="pwd" name="pwd" placeholder="Enter password"
required>
    </div>

    <div class="form-group">
        <label class="col-md-2 control-label">&nbsp;</label>
        <div class="col-md-10">
            <button type="submit" class="btn btn-custom waves-effect waves-light btn-md" id="submit"
name="submit">
                Submit</button>
        </div>
    </div>
</form>

```

```

        </div>

    </div>

    </div>
    </div>
    </div>
    <!-- end row -->

</div> <!-- container -->

</div> <!-- content -->

<?php include('includes/footer.php');?>

    </div>
</div>

<script>
    var resizefunc = [];
</script>

<!-- jQuery -->
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/detect.js"></script>
<script src="assets/js/fastclick.js"></script>
<script src="assets/js/jquery.blockUI.js"></script>
<script src="assets/js/waves.js"></script>
<script src="assets/js/jquery.slimscroll.js"></script>
<script src="assets/js/jquery.scrollTo.min.js"></script>
<script src="../plugins/switchery/switchery.min.js"></script>

<!-- App js -->
<script src="assets/js/jquery.core.js"></script>
<script src="assets/js/jquery.app.js"></script>

</body>
</html>
<?php } ?>

```

Javascript:

```
var gulp = require('gulp');
var browserSync = require('browser-sync').create();
var pkg = require('./package.json');

// Copy third party libraries from /node_modules into /vendor
gulp.task('vendor', function() {

  // Bootstrap
  gulp.src([
    './node_modules/bootstrap/dist/**/*',
    './node_modules/bootstrap/dist/css/bootstrap-grid*',
    './node_modules/bootstrap/dist/css/bootstrap-reboot*'
  ])
  .pipe(gulp.dest('./vendor/bootstrap'))

  // jQuery
  gulp.src([
    './node_modules/jquery/dist/*',
    './node_modules/jquery/dist/core.js'
  ])
  .pipe(gulp.dest('./vendor/jquery'))

})

// Default task
gulp.task('default', ['vendor']);

// Configure the browserSync task
gulp.task('browserSync', function() {
  browserSync.init({
    server: {
      baseDir: "/"
    }
  });
});

// Dev task
gulp.task('dev', ['browserSync'], function() {
  gulp.watch('./css/*.css', browserSync.reload);
  gulp.watch('./*.html', browserSync.reload);
});
```

MySQL:

-- phpMyAdmin SQL Dump

-- version 4.9.0.1

-- https://www.phpmyadmin.net/

--

-- Host: 127.0.0.1

-- Generation Time: Nov 11, 2021 at 06:47 PM

-- Server version: 10.3.15-MariaDB

-- PHP Version: 7.2.19

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";

SET AUTOCOMMIT = 0;

START TRANSACTION;

SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;

/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;

/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;

/*!40101 SET NAMES utf8mb4 */;

--

-- Database: `newsportal`

--

--

-- Table structure for table `tbladmin`

--

CREATE TABLE `tbladmin` (

`id` int(11) NOT NULL,

`AdminUserName` varchar(255) DEFAULT NULL,

`AdminPassword` varchar(255) DEFAULT NULL,

`AdminEmailId` varchar(255) DEFAULT NULL,

`userType` int(11) DEFAULT NULL,

`CreationDate` timestamp NOT NULL DEFAULT current_timestamp(),

`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--

-- Dumping data for table `tbladmin`

--

INSERT INTO `tbladmin` (`id`, `AdminUserName`, `AdminPassword`, `AdminEmailId`, `userType`,
`CreationDate`, `UpdationDate`) VALUES

(1, 'admin', 'f925916e2754e5e03f75dd58a5733251', 'phpgurukulofficial@gmail.com', 1, '2021-05-26 18:30:00',
'2021-11-11 16:23:15'),


```
(3, 'subadmin', 'f925916e2754e5e03f75dd58a5733251', 'sudamin@gmail.in', 0, '2021-11-10 18:28:11', NULL),
(4, 'suadmin2', 'f925916e2754e5e03f75dd58a5733251', 'sbadmin@test.com', 0, '2021-11-10 18:28:32', NULL);
```

```
-----
```

```
--
-- Table structure for table `tblcategory`
--
```

```
CREATE TABLE `tblcategory` (
  `id` int(11) NOT NULL,
  `CategoryName` varchar(200) DEFAULT NULL,
  `Description` mediumtext DEFAULT NULL,
  `PostingDate` timestamp NULL DEFAULT current_timestamp(),
  `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp(),
  `Is_Active` int(1) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Dumping data for table `tblcategory`
--
```

```
INSERT INTO `tblcategory` (`id`, `CategoryName`, `Description`, `PostingDate`, `UpdationDate`, `Is_Active`)
VALUES
(3, 'Sports', 'Related to sports news', '2021-06-05 18:30:00', '2021-06-13 18:30:00', 1),
(5, 'Entertainment', 'Entertainment related News', '2021-06-13 18:30:00', '2021-06-13 18:30:00', 1),
(6, 'Politics', 'Politics', '2021-06-21 18:30:00', '0000-00-00 00:00:00', 1),
(7, 'Business', 'Business', '2021-06-21 18:30:00', '0000-00-00 00:00:00', 1),
(8, 'COVID-19', 'COVID-19', '2021-11-07 18:17:28', NULL, 1);
```

```
-----
```

```
--
-- Table structure for table `tblcomments`
--
```

```
CREATE TABLE `tblcomments` (
  `id` int(11) NOT NULL,
  `postId` int(11) DEFAULT NULL,
  `name` varchar(120) DEFAULT NULL,
  `email` varchar(150) DEFAULT NULL,
  `comment` mediumtext DEFAULT NULL,
  `postingDate` timestamp NULL DEFAULT current_timestamp(),
  `status` int(1) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Dumping data for table `tblcomments`
--
```

```
INSERT INTO `tblcomments` (`id`, `postId`, `name`, `email`, `comment`, `postingDate`, `status`) VALUES
(1, 12, 'Anuj', 'anuj@gmail.com', 'Cras sit amet nibh libero, in gravida nulla. Nulla vel metus scelerisque ante
sollicitudin. Cras purus odio, vestibulum in vulputate at, tempus viverra turpis.', '2021-11-20 18:30:00', 1),
(2, 12, 'Test user', 'test@gmail.com', 'This is sample text for testing.', '2021-11-20 18:30:00', 1),
(3, 7, 'ABC', 'abc@test.com', 'This is sample text for testing.', '2021-11-20 18:30:00', 0);
```

```
--
-- Table structure for table `tblpages`
--
```

```
CREATE TABLE `tblpages` (
  `id` int(11) NOT NULL,
  `PageName` varchar(200) DEFAULT NULL,
  `PageTitle` mediumtext DEFAULT NULL,
  `Description` longtext DEFAULT NULL,
  `PostingDate` timestamp NULL DEFAULT current_timestamp(),
  `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Dumping data for table `tblpages`
--
```

```
INSERT INTO `tblpages` (`id`, `PageName`, `PageTitle`, `Description`, `PostingDate`, `UpdationDate`) VALUES
(1, 'aboutus', 'About News Portal', '<font color="#7b8898" face="Mercury SSm A, Mercury SSm B, Georgia,
Times, Times New Roman, Microsoft YaHei New, Microsoft Yahei, ă¼@è½-é...é»', ă@ă½“, SimSun, STXihei,
ăŹæ-Źç»†é»', serif"><span style="font-size: 26px;">Lorem ipsum dolor sit amet, consectetur adipiscing elit,
sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in
voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in
culpa qui officia deserunt mollit anim id est laborum.</span></font><br>', '2021-06-29 18:30:00', '2021-11-06
18:30:00'),
(2, 'contactus', 'Contact Details', '<p><br></p><p><b>Address :&nbsp; </b>New Delhi India</p><p><b>Phone
Number : </b>+91 -01234567890</p><p><b>Email -id : </b>phpgurukulofficial@gmail.com</p>', '2021-06-29
18:30:00', '2021-11-06 18:30:00');
```

```
--
-- Table structure for table `tblposts`
--
```

```
CREATE TABLE `tblposts` (
  `id` int(11) NOT NULL,
  `PostTitle` longtext DEFAULT NULL,
  `CategoryId` int(11) DEFAULT NULL,
```

```

`SubCategoryId` int(11) DEFAULT NULL,
`PostDetails` longtext CHARACTER SET utf8 DEFAULT NULL,
`PostingDate` timestamp NULL DEFAULT current_timestamp(),
`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp(),
`Is_Active` int(1) DEFAULT NULL,
`PostUrl` mediumtext DEFAULT NULL,
`PostImage` varchar(255) DEFAULT NULL,
`viewCounter` int(11) DEFAULT NULL,
`postedBy` varchar(255) DEFAULT NULL,
`lastUpdatedBy` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

--
-- Dumping data for table `tblposts`
--

```

```

INSERT INTO `tblposts` (`id`, `PostTitle`, `CategoryId`, `SubCategoryId`, `PostDetails`, `PostingDate`,
`UpdationDate`, `Is_Active`, `PostUrl`, `PostImage`, `viewCounter`, `postedBy`, `lastUpdatedBy`) VALUES
(7, 'Jasprit Bumrah ruled out of England T20I series due to injury', 3, 4, '<p style="margin-bottom: 15px; padding:
0px; font-size: 16px; font-family: PTSans, sans-serif;"><span style="margin: 0px; padding: 0px; font-weight:
700;">The Indian Cricket Team has received a huge blow right ahead of the commencement of the much-awaited
series against England. Star speedster Jasprit Bumrah has been ruled out of the forthcoming 3-match T20I series as
he suffered an injury in his left thumb.</span></p><p style="margin-bottom: 15px; padding: 0px; font-size: 16px;
font-family: PTSans, sans-serif;">The 24-year-old pacer picked up a niggle during India's first T20I match against
Ireland played on June 27 at the Malahide cricket ground in Dublin. As per the reports, he is likely to be available
for the ODI series against England scheduled to start from July 12.</p><p style="margin-bottom: 15px; padding:
0px; font-size: 16px; font-family: PTSans, sans-serif;">In the first, Bumrah exhibited a phenomenal performance
with the ball. In his quota of four overs, he conceded 19 runs and picked 2 wickets at an economy rate of
4.75.</p><p style="margin-bottom: 15px; padding: 0px; font-size: 16px; font-family: PTSans, sans-serif;">Post
his injury, he arrived at team's optional training session on Thursday but didn't train. Later, he was rested in the
second face-off along with MS Dhoni, Shikhar Dhawan and Bhuvneshwar Kumar.</p><p style="margin-bottom:
15px; padding: 0px; font-size: 16px; font-family: PTSans, sans-serif;">As of now, no replacement has been
announced. However, Umesh Yadav may be given chance in the team in Bumrah's absence.</p><p
style="padding: 0px; font-size: 16px; font-family: PTSans, sans-serif;">The first T20I match between India and
England will be played at Old Trafford, Manchester on July 3.</p>', '2021-07-07 18:30:00', '2021-11-10 18:42:01',
1, 'Jasprit-Bumrah-ruled-out-of-England-T20I-series-due-to-injury', '6d08a26c92cf30db69197a1fb7230626.jpg', 24,
'admin', NULL),
(10, 'Tata Steel, Thyssenkrupp Finalise Landmark Steel Deal', 7, 9, '<h1 style="box-sizing: inherit; margin-top: 0px;
padding: 0px; font-family: Roboto, sans-serif; font-size: 38px; line-height: normal; letter-spacing: -0.5px; color:
rgb(51, 51, 51);"><span itemprop="headline" style="box-sizing: inherit;">Tata Steel, Thyssenkrupp Finalise
Landmark Steel Deal</span>Tata Steel, Thyssenkrupp Finalise Landmark Steel DealTata Steel, Thyssenkrupp
Finalise Landmark Steel DealTata Steel, Thyssenkrupp Finalise Landmark Steel DealTata Steel, Thyssenkrupp
Finalise Landmark Steel Deal</h1>', '2021-06-30 18:30:00', '2021-11-10 18:41:20', 1, 'Tata-Steel,-Thyssenkrupp-
Finalise-Landmark-Steel-Deal', '505e59c459d38ce4e740e3c9f5c6caf7.jpg', 1, 'admin', NULL),
(11, 'UNs Jean Pierre Lacroix thanks India for contribution to peacekeeping', 6, 8, '<p>UNs Jean Pierre Lacroix
thanks India for contribution to peacekeepingUNs Jean Pierre Lacroix thanks India for contribution to
peacekeepingUNs Jean Pierre Lacroix thanks India for contribution to peacekeepingUNs Jean Pierre Lacroix thanks
India for contribution to peacekeepingUNs Jean Pierre Lacroix thanks India for contribution to peacekeepingUNs
Jean Pierre Lacroix thanks India for contribution to peacekeepingUNs Jean Pierre Lacroix thanks India for

```



```
`UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE current_timestamp(),
`Is_Active` int(1) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
-- Dumping data for table `tblsubcategory`
--
```

```
INSERT INTO `tblsubcategory` (`SubCategoryId`, `CategoryId`, `Subcategory`, `SubCatDescription`,
`PostingDate`, `UpdationDate`, `Is_Active`) VALUES
(3, 5, 'Bollywood', 'Bollywood masala', '2021-06-21 18:30:00', '2021-11-07 17:59:57', 1),
(4, 3, 'Cricket', 'Cricket\r\n\r\n', '2021-06-29 18:30:00', '2021-11-07 17:59:57', 1),
(5, 3, 'Football', 'Football', '2021-06-29 18:30:00', '2021-11-07 17:59:57', 1),
(6, 5, 'Television', 'TeleVision', '2021-06-30 18:30:00', '2021-11-07 17:59:57', 1),
(7, 6, 'National', 'National', '2021-06-30 18:30:00', '2021-11-07 17:59:57', 1),
(8, 6, 'International', 'International', '2021-06-30 18:30:00', '2021-11-07 17:59:57', 1),
(9, 7, 'India', 'India', '2021-06-30 18:30:00', '2021-11-07 17:59:57', 1),
(10, 8, 'Vaccination', 'Vaccination', '2021-11-07 18:18:25', NULL, 1);
```

```
--
-- Indexes for dumped tables
--
```

```
--
-- Indexes for table `tbladmin`
--
ALTER TABLE `tbladmin`
  ADD PRIMARY KEY (`id`),
  ADD KEY `AdminUserName` (`AdminUserName`);
```

```
--
-- Indexes for table `tblcategory`
--
ALTER TABLE `tblcategory`
  ADD PRIMARY KEY (`id`);
```

```
--
-- Indexes for table `tblcomments`
--
ALTER TABLE `tblcomments`
  ADD PRIMARY KEY (`id`),
  ADD KEY `id` (`id`),
  ADD KEY `postId` (`postId`);
```

```
--
-- Indexes for table `tblpages`
--
ALTER TABLE `tblpages`
  ADD PRIMARY KEY (`id`);
```

```

--
-- Indexes for table `tblposts`
--
ALTER TABLE `tblposts`
  ADD PRIMARY KEY (`id`),
  ADD KEY `id` (`id`),
  ADD KEY `postcatid` (`CategoryId`),
  ADD KEY `postsuccatid` (`SubCategoryId`),
  ADD KEY `subadmin` (`postedBy`);

--
-- Indexes for table `tblsubcategory`
--
ALTER TABLE `tblsubcategory`
  ADD PRIMARY KEY (`SubCategoryId`),
  ADD KEY `catid` (`CategoryId`);

--
-- AUTO_INCREMENT for dumped tables
--

--
-- AUTO_INCREMENT for table `tbladmin`
--
ALTER TABLE `tbladmin`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;

--
-- AUTO_INCREMENT for table `tblcategory`
--
ALTER TABLE `tblcategory`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

--
-- AUTO_INCREMENT for table `tblcomments`
--
ALTER TABLE `tblcomments`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=4;

--
-- AUTO_INCREMENT for table `tblpages`
--
ALTER TABLE `tblpages`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;

--
-- AUTO_INCREMENT for table `tblposts`
--

```

```

ALTER TABLE `tblposts`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=14;

--
-- AUTO_INCREMENT for table `tblsubcategory`
--
ALTER TABLE `tblsubcategory`
  MODIFY `SubCategoryId` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;

--
-- Constraints for dumped tables
--

--
-- Constraints for table `tblcomments`
--
ALTER TABLE `tblcomments`
  ADD CONSTRAINT `pid` FOREIGN KEY (`postId`) REFERENCES `tblposts` (`id`) ON DELETE NO ACTION
ON UPDATE NO ACTION;

--
-- Constraints for table `tblposts`
--
ALTER TABLE `tblposts`
  ADD CONSTRAINT `postcatid` FOREIGN KEY (`CategoryId`) REFERENCES `tblcategory` (`id`) ON DELETE
NO ACTION ON UPDATE NO ACTION,
  ADD CONSTRAINT `postsucatid` FOREIGN KEY (`SubCategoryId`) REFERENCES `tblsubcategory`
(`SubCategoryId`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  ADD CONSTRAINT `subadmin` FOREIGN KEY (`postedBy`) REFERENCES `tbladmin` (`AdminUserName`)
ON DELETE NO ACTION ON UPDATE NO ACTION;

--
-- Constraints for table `tblsubcategory`
--
ALTER TABLE `tblsubcategory`
  ADD CONSTRAINT `catid` FOREIGN KEY (`CategoryId`) REFERENCES `tblcategory` (`id`) ON DELETE NO
ACTION ON UPDATE NO ACTION;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;

```

RESULT



T20 World Cup 2021: Semi-final 1, England vs New Zealand – Who Said What

[Sports](#) [Cricket](#)

[Read More](#)

Posted on 2021-11-11 00:20:09



Shah holds meeting with NE states leaders in Manipur

[Politics](#) [Manipur](#)

[Read More](#)

Posted on 2021-07-01 00:00:00



UNs Jean Pierre Lacroix thanks India for contribution to peacekeeping

[Politics](#) [International](#)

[Read More](#)

Posted on 2021-07-01 00:00:00



Tata Steel, Thyssenkrupp Finalise Landmark Steel Deal

[Business](#) [Steel](#)

[Read More](#)

Posted on 2021-07-01 00:00:00



Jasprit Bumrah ruled out of England T20I series due to injury

[Sports](#) [Cricket](#)

[Read More](#)

Posted on 2021-07-08 00:00:00

[First](#) [Prev](#) [Next](#) [Last](#)

Search

Search for: [GO!](#)

Categories

[Sports](#)
[Entertainment](#)
[Politics](#)
[Business](#)
[COVID-19](#)

Recent News

- Jasprit Bumrah ruled out of England T20I series due to injury
- Tata Steel, Thyssenkrupp Finalise Landmark Steel Deal
- UNs Jean Pierre Lacroix thanks India for contribution to peacekeeping
- Shah holds meeting with NE states leaders in Manipur
- T20 World Cup 2021: Semi-final 1, England vs New Zealand – Who Said What

Popular News

- UNs Jean Pierre Lacroix thanks India for contribution to peacekeeping
- Jasprit Bumrah ruled out of England T20I series due to injury
- Shah holds meeting with NE states leaders in Manipur
- T20 World Cup 2021: Semi-final 1, England vs New Zealand – Who Said What
- Tata Steel, Thyssenkrupp Finalise Landmark Steel Deal

NAVIGATION

- Dashboard
- Sub-admins >
- Category ▾
 - Add Category
 - Manage Category
- Sub Category >
- Posts (News) >
- Pages >
- Comments >










For Help ?

Email:

Manage Categories

Admin / Category / Manage Categories

Add ⊕

#	Category	Description	Posting Date	Last updation Date	Action
1	Sports	Related to sports news	2021-06-06 00:00:00	2021-06-14 00:00:00	 
2	Entertainment	Entertainment related News	2021-06-14 00:00:00	2021-06-14 00:00:00	 
3	Politics	Politics	2021-06-22 00:00:00	0000-00-00 00:00:00	 
4	Business	Business	2021-06-22 00:00:00	0000-00-00 00:00:00	 
5	COVID-19	COVID-19	2021-11-07 23:47:28		 

 Deleted Categories

#	Category	Description	Posting Date	Last updation Date	Action
---	----------	-------------	--------------	--------------------	--------

2021 © Developed by PHPGurukul.



NAVIGATION

- Dashboard
- Sub-admins
- Category
- Sub Category
- Posts (News)**
 - Add Posts
 - Manage Posts
 - Trash Posts
- Pages
- Comments

For Help ?

Sub Category

Posts (News)

Add Posts

Manage Posts

Trash Posts

Pages

Comments

For Help ?

Add Post

[Post](#) / [Add Post](#) / [Add Post](#)

Post Title

Category

Sub Category

Post Details

Rich text editor toolbar: Bold, Underline, Italic, Font Color (Varela Round), Background Color, Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, Code, Help.

Feature Image

Technical Details:

The News Portal project is built using PHP, MySQL, HTML, and CSS. The project uses a MVC (Model-View-Controller) architecture to separate the presentation layer from the logic layer.

The database schema includes the following tables:

Users: Stores user information, such as username, password, email, etc.

Articles: Stores article information, such as title, content, category, author, date published, etc.

Categories: Stores category information, such as category name and description.

Comments: Stores comment information, such as comment text, author, date posted, etc.

The project uses PHP to connect to the database and retrieve data. The project also includes a number of PHP classes that handle user authentication, article publishing, commenting, and other functions.

The website is designed using HTML and CSS, with the Bootstrap framework used to ensure a responsive design.

ADVANTAGES

There are several advantages of news portals, including:

Access to current and up-to-date news: News portals provide the latest news and information from around the world, making it easier for people to stay informed about current events.

Convenience and accessibility: News portals are accessible through computers, smartphones, and other digital devices, making it easy to access news at any time and from any location.

Variety of sources: News portals aggregate news from various sources, providing readers with a broad perspective on a particular event or issue.

Customization: Many news portals allow users to customize their news feed based on their interests, location, and other factors.

Multimedia content: News portals often include multimedia content such as photos, videos, and interactive graphics that help to enhance the reader's understanding of a particular story or issue.

Global coverage: News portals cover news from around the world, giving readers access to news and perspectives from different countries and cultures.

Overall, news portals provide a convenient and comprehensive way for people to stay informed about current events, access a wide range of news sources, and engage with multimedia content that enhances their understanding of the news.

CONCLUSION

The News Portal project is a scalable and customizable web-based application that allows news organizations to publish and monetize their content, while providing users with a personalized and user-friendly news platform. The project is built using PHP, MySQL, HTML, and CSS, with a focus on modularity and scalability. The project includes a number of features, including user registration and login, article publishing, article categories, search functionality, commenting system, advertising platform, and responsive design.

Reference

- <https://phpgurukul.com/news-portal-project-in-php-and-mysql/>
- <https://www.mayurik.com/source-code/P4030/news-portal-project-in-php>

