MINI-PROJECT LOGBOOK

GROUP MEMBERS

1. Tejas Kolhe [A-44]
2. Rushikesh Bandiwadekar [A-45]
3. Sanika Pharande [A-54]
4. Pranav Bulbule [A-36]

Supervisor/Guide

Dr./Prof. Shyamsundar Magar

Department of Information Technology

Terna Engineering College, Nerul, Navi Mumbai - 400 706

University of Mumbai

(Academic Year 2021-22)

INSTITUTE VISION & MISSION

VISION:

To deliver value added quality education to the aspiring students, meeting stringent requirements of the changing technology, industry, business and society as a whole.

MISSION:

To provide an environment of academic excellence and to adopt appropriate teaching- learning processes to produce competent and skilled engineers ready to meet global challenges.

INFORMATION TECHNOLOGY DEPARTMENT

VISION:

To be a center of excellence in the field of Information Technology Education and Training.

MISSION:

To educate and train the students to acquire professional competencies by applying fundamental knowledge to solve real time problem which will serve need of industry and society.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO I: To prepare students for Employment, Entrepreneurship, Higher education and Research. require IT domain expertise with fundamental knowledge of mathematics, science and engineering.

PEO III: To enhance student's abilities in problem solving, analytical thinking and project management to meet industry needs.

PEO IV: To equip students with adequate breadth and depth of IT knowledge that enables them to solve real world and societal problems with an emphasis on professional values and ethics.

PEO V: To prepare students for life-long learning.

PROGRAM OUTCOMES (POs)

PO's	OUTCOMES
PO1	An ability to apply knowledge of mathematics, science and engineering fundamentals in the field of computing.
PO2	Critically identify, formulate and evaluate emerging topics and the recent development in the field and Provide solution to futuristic engineering problems.
PO3	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.
PO4	Ability in requirement gathering, design and implementation of software with computer systems to analyze and interpret the data.
PO5	An ability to use the techniques, logical and analytical skills and modern engineering tools necessary for engineering practice.
PO6	An ability to design a system component or process to meet desired needs within realistic constraints such as economic, environmental, social, cultural and safety issues.
PO7	An ability to understand an impact of engineering knowledge towards society and environment with need to sustainable solutions.
PO8	To inculcate professional ethics.
PO9	An ability to function effectively, individually and in teams to accomplish a common goal.
PO10	An ability to communicate solutions of complex computing problems effectively using reports and presentations to wide range of audiences.
PO11	To instill leadership and managerial skills in multidisciplinary environment.
PO12	Recognition of the need for and an ability to engage in life-long learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	Students will be able to solve problems in Open Ended Programming Environments.
PSO2	Students will be able to use emerging Technologies like IOT, Big Data for effective and efficient real-time solutions.
PSO3	Students will be able to demonstrate and develop web and mobile applications in diversify environments.

STUDENT INFORMATION

Project Title: House Price Prediction

	Student 1	**Student 2**	**Student 3**	**Student 4**
Student ID	TU4F1920039	TU4F1920040	TU4F1920053	TU4F1920031
Name	Tejas Kolhe	Rushikesh Bandiwadekar	Sanika Pharande	Pranav Bulbule
Class with Division	TE-IT DIV-A	TE-IT DIV-A	TE-IT DIV-A	TE-IT DIV-A
Contact No.	7066586280	9082768833	9307027188	8805591557
E-mail	tejaskolhel@ternaengg.ac.in	rushikeshbandiwadekar@ternaengg.ac.in	sanikapharande@ternaengg.ac.in	pranavbulbule@ternaengg.ac.in
Address	Qtr. No. 7/E Type III	Room no.4	Flat no. 4, Vanashri appartment,	
	Ordanance Factory,	Gangaram Bhoir Chawl	Godoli satara	Shivaji Nagar
	Varangaon	Azdegaon Dombivali(E)	Satara- 415001	Akola-444002
	Mumbai:425308	Mumbai: 421201		

INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the Guide or Co-Guide for verification and evaluation of project activities at least once in a week.

2. Log book duly signed by guide must be submitted with project report for evaluation at the end of semester to the department.

DECLARATION

I declare that this project represents my ideas in my own words without plagiarism and wherever others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my project work. I promise to maintain minimum 75% attendance, as per the University of Mumbai norms. I understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1) **Tejas Kolhe**

2) **Rushikesh Bandiwadekar**
3) **Sanika Pharande**

4) **Pranav Bulbule**

(Date & Signature of Students)

Letter of Acceptance

I undersigned, Dr./Prof. Shyamsundar Magar working in Information Technology Department, willing to guide the project titled **House Price Prediction** for the Mini-Project-2(A) Semester - V respectively for the Academic Year 2021-22.

The names of the students are:

1. Tejas Kolhe
2. Rushikesh Bandiwadekar
3. Sanika Pharande
4. Pranav Bulbule

(Project Guide) **(Mini-Project Coordinator)** **(HOD-Information Technology)**

COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO1,PO3,PO 5,PO7	PSO1
CO2	Apply Knowledge and skill to solve societal problems in a group.	PO1,PO3,PO7 ,PO9	PSO1
CO3	Develop interpersonal skills to work as member of a group or leader.	PO9,PO10,PO11	PSO1
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO2,PO4	PSO1
CO5	Analyze the impact of solutions in societal and environmental context for sustainable development.	PO6,PO7	PSO1
CO6	Use standard norms of engineering practices	PO5,PO7,PO8	PSO1
CO7	Excel in written and oral communication.	PO10,PO12	PSO1
CO8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO10,PO11,PO1 2	PSO1
CO9	Demonstrate project management principles during project work.	PO8,PO10,PO11 ,PO12	PSO1

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	3	1	3	1	1	1	1	1	1	1	3		3
CO2	3	2	3	1	1	1	1	1	3	1	1	1	3		3
CO3	3	1	2	2	2	2	2	2	3	3	3	1	3		3
CO4	3	1	1	1	1	1	3	2	2	2	2	2	3		3
CO5	1	1	1	1	1	1	3	1	1	1	1	1	3		3
CO6	3	1	1	3	3	1	3	2	2	2	1	1	3		3
CO7	1	1	1	1	2	2	2	3	2	2	2	2	3		3
CO8	1	1	1	2	2	2	2	2	2	2	3	2	3		3
CO9	1	1	1	2	3	2	2	2	2	3	2	1	3		3

SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
10/01/2022	1	Introduction, Guidelines		
17/01/2022	2	Group Formation ,		
24/01/2022	3	Topic Selection		
31/01/2022	4	Topic Selection		
07/02/2022	5	Topic Finalization,		
14/02/2022	6	PPT Formation		
21/02/2022	7	Review-I		
28/02/2022	8	Started GUI and Searched Dataset For House Price Prediction		
07/03/2022	9	GUI		
14/03/2022	10	Model Training of House Price Prediction		
23/03/2022	11	Presentation		
28/03/2022	12	Model Training of House Price Prediction Dataset		
04/04/2022	13	Report ,Logbook Finalization		
11/04/2022	14	Review-II		

PROGRESS/ATTENDANCE REPORT

Title of the Project: **House Price Prediction**	
Group No. 20	Name of Student 1: **Tejas Kolhe**
	Name of Student 2**: Rushikesh Bandiwadekar**
	Name of Student 3: **Sanika Pharande**
	Name of Student 4: **Pranav Bulbule**
Name of the Supervisor/Guide: **Dr./Prof.Shyamsundar Magar**	

Sr. No	**Date**	**Attendance**				**Progress/Suggestion**	**Mapping**		
		1	2	3	4		CO	PO	PSO
1	10/01/2022	P	P	P	P	Introduction, Guidelines	CO3, CO7, CO8	PO3, PO10	PSO1
2	17/01/2022	P	P	P	P	Group Formation ,	CO1	PO2	PSO1
3	24/01/2022	P	P	P	P	Topic Selection	CO2	PO3	PSO1
4	31/01/2022	P	P	P	P	Topic Selection	CO2, CO7	PO9. PO10, PO11	PSO1
5	07/02/2022	P	P	P	P	Topic Finalization,	CO1, CO2	PO3	PSO1

6	14/02/2022	P	P	P	P	PPT Formation	CO2	PO3, PO9	PSO1
7	21/02/2022	P	P	P	P	Review-I	CO2, CO7	PO3, PO9, PO10	PSO1
8	28/02/2022	P	P	P	P	Started GUI and Searched Dataset For Fake News Detection	CO7	PO9, PO10	PSO1
9	07/03/2022	P	P	P	P	GUI	CO2, CO7	PO3, PO9, PO10	PSO1
10	14/03/2022	P	P	P	P	Model Training of Fake news Detection	CO1	PO1, PO2	PSO1
11	23/03/2022	P	P	P	P	Presentation	CO2, CO7	PO9. PO10, PO11	PSO1
12	28/03/2022	P	P	P	P	Model Training of Fake news Detection Dataset	CO7, CO8, CO9	PO9, PO10, PO11, PO12	PSO1
13	04/04/2022	P	P	P	P	Report ,Logbook Finalization	CO1, CO2	PO3	PSO1
14	11/04/2022	P	P	P	P	Review-II	CO2, CO3	PO9, PO10, PO3	PSO1

Name, Date & Sign of the Supervisor/Guide

REVIEW-I FORM

Group No: **20**

Title of Mini-Project: **House Price Prediction**

Date of Review-I : **21-02-2022**

No. of students in project team: **4**

Student Mini-Project Performance Analysis (Put Tick as per your Observation)

Excellent (3) Very Good (2) Good (1)				
Sr. No.	**Observation**	**(3)**	**(2)**	**(1)**
1	Quality of problem and Clarity			
2	Literature Survey			
3	Innovativeness in solutions			
4	Feasibility Of the Project			
5	Usage of technology			
6	Cost effectiveness and Societal impact			
7	Overall Presentation & Performance			
Comments:				

Project Guide & Panel Members Signature: 1)
2)
3)

Name, Date & Signature
Project Coordinator

Name, Date & Signature
HOD-Information Technology

REVIEW-II FORM

Group No: **20**

Title of Mini-Project: **House Price Prediction**

Date of Review-II: **11-04-2022**

No. of students in project team: **4**

Student Mini-Project Performance Analysis (Put Tick as per your Observation)

Excellent (3)	Very Good (2)	Good (1)		
Sr. No.	**Observation**	**(3)**	**(2)**	**(1)**
1	Usage of effective skill sets			
2	Design and Implementation			
3	Testing and Analysis			
4	Use of standard engineering norms			
5	Cost effectiveness and Societal impact			
6	Contribution of an individual member in team			
7	Overall Presentation & Performance			
Comments:				

Project Guide & Panel Members Signature: 1)
2)
3)

Name, Date & Signature
Project Coordinator

Name, Date & Signature
HOD-Information Technology

EXAMINER'S FEEDBACK FORM

Name of External examiner: _____

College of External examiner: _____

Name of Internal examiner: _____

Date of Examination: _____

No. of students in project team:

Availability of separate lab for the project: Yes/ No

Student Performance Analysis (Put Tick as per your Observation)

Excellent (3) VeryGood (2) Good (1)				
Sr. No.	**Observation**	**(3)**	**(2)**	**(1)**
1	Quality of problem and Clarity			
2	Innovativeness in solutions			
3	Cost effectiveness and Societal impact			
4	Full functioning of working model as per stated requirements			
5	Effective use of skill sets			
6	Effective use of standard engineering norms			
7	Contribution of an individual's as member or leader			
8	Clarity in written and oral communication			
9	Overall performance			

o Can same mini project extend to next semester by adding new objectives/ideas? (Yes/ No)
o If yes, suggest new Innovative Technique/Idea/ objectives related to this project.

_____

_____

_____

_____

Name, Date & Signature
External Examiner

Name, Date & Signature
Internal Examiner

Name,Date & Signature
HOD-Information Technology