JNIESTRT'S
SMT. INDIRA GANDHI COLLEGE OF ENGINEERING
GHANSOLI, NAVI MUMBAI – 400709
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
COMPUTER SCIENCE ENGINEERING (AI and ML) DEPARTMENT
ACADEMIC YEAR: - 2022-23 (Odd SEM)

MINI PROJECT LOGBOOK

GROUP MEMBERS

Kunal Katke	**32**
Sudhanshu Singh	**63**
Shubham Jadhav	**26**
Mohmmad Imran Khattal	**34**

Guide
Dr. BHAGYA LAKSHMI

Department of Computer Science Engineering (AIML and IoT)

Smt. Indira Gandhi College of Engineering

Affiliated to University of Mumbai

(2022–2023)

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INSTITUTE VISION & MISSION

Vision

To provide **employable CSE-AIML** engineer for **Society and Industry needs**.

Mission

M1: Empower students with **strong foundation.**

M2: Develop technical and non-technical **Skills** for **lifelong learning.**

M3: To promote student's interest in **higher studies, research, and entrepreneurship** to meetglobal challenges.

PEO1	Graduates will be prepared for analyzing, designing, developing AIML based software with creativity
PEO2	Graduates will be skilled in the use of modern tools for problem solving and analyzing industrial and societal requirements
PEO 3	Graduates will be exhibited professionalism, inter-personal skills and constant learning to develop management qualities.

PSO1: Ability to analyze, design and develop applications by adopting the dynamic nature of Software developments

PSO2: Ability to use knowledge in artificial intelligence and machine learning to solve real world problems and identify the research gaps and render solutions with innovative ideas.

Program Educational Objectives (PEO):

1. Successful Career: Graduate will analyze the requirements of the problem in computer engineering, understand the technical feasibility, design and provide efficient engineering solutions with ethical values.
2. Lifelong learning: Graduates will engage in lifelong learning by doing higher studies and adapt for ever changing industrial and social demands.
3. Social Awareness: To train the graduates for a career and work through values & social concern

Program Specific Outcomes (PSO):

Engineering Graduates will be able to:

1. Apply the principles of mathematics, data structure and algorithm to solve the problem.
2. Understand the functionality of hardware and software of computer system and its applications.
3. Participate in planning and implement solution through leadership and professional ethics.

Program Outcomes (PO):

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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STUDENT INFORMATION

Project Title: "STOCK PRICE PREDICTION"

	Student 1	Student 2	Student 3	Student 4
Name	Kunal Katke	Sudhanshu Singh	Shubham Jadhav	Mohmmad Imran Khattal
Roll No.	32	63	26	34
Contact No.	+91 9404643274	+91 8828283610	+91 8108819464	+91 91367 71426
E-mail	2020ca29f@sigce.edu.in	2020ca48f@sigce.edu.in	2020ca24f@sigce.edu.in	2021ca75d@sigce.edu.in

INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the 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 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. Kunal Katke

2. Sudhanshu Singh

3. Shubham Jadhav

4. Mohmmad Imran Khattal

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LETTER OF ACCEPTANCE

I under signed, Dr. Bhagya Lakshmi working in Computer Engineering department, willing to guide the project titled "STOCK PRICE PREDICTION" for the mini project-IIb Semester VI respectively for the academic year 2022-23 The names of the students are:

1. Kunal Katke
2. Sudhanshu Singh
3. Shubham Jadhav
4. Mohmmad Imran Khattal

Dr. Bhagya Lakshmi
(Project Guide)

(Mini Project Coordinator)

Sonali Deshpande
(HOD)

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COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO1, PO2, PO5	PSO1
CO2	Apply Knowledge and skill to solve societal problems in a group.	PO1, PO4, PO10	PSO1, PSO2
CO3	Develop interpersonal skills to work as member of a group or leader.	PO9, PO10, PO11	PSO3
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO6, PO12	PSO2
CO5	Analyze the impact of solutions in societal and environmental context for sustainable development.	PO7, PO8	PSO1, PSO2
CO6	Use standard norms of engineering practices	PO6, PO8, PO11	PSO2
CO7	Excel in written and oral communication.	PO10	PSO3
CO8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO9, PO10, PO12	PSO3
CO9	Demonstrate project management principles during project work.	PO6, PO8, PO10	PSO3

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	*	*	*	*	*	*	*	*		*		
CO2	*	*	*	*	*	*	*	*				
CO3								*	*	*	*	*
CO4	*		*	*								*
CO5										*		
CO6									*	*		*
CO7										*		
CO8									*	*	*	
CO9	*								*	*	*	

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PROGRESS/ATTENDANCE REPORT

Sr. No	Date		Attendance			Progress/Suggestion	Mapping		
							CO	PO	PSO
1	20-01-2023	P	P	P	P	Started searching suitable topics for mini project.	1	PO1, PO2, PO5	PSO1
2	26-01-2023	P	P	P	P	Shortlisted 3 topics and presented them to our guide, received topic.	1,2	PO1, PO2, PO5	PSO1
3	28-01-2023	P	P	P	P	Organized group meetings, started planning about the project, created list of things to do.	3	PO1, PO4, PO10	PSO1, PSO2
4	04-02-2023	P	P	P	P	Approved Language, Software to use. Project began.	4	PO9, PO10, PO11	PSO3
5	12-02-2023	P	P	P	P	Created interface for the project.	5	PO6, PO12	PSO2
6	19-02-2023	P	P	P	p	Started learning about project	6	PO7, PO8	PSO1, PSO2
7	26-02-2023	p	p	P	p	Completed the code	7	PO6, PO8, PO11	PSO2
8	16-03-2023	p	p	P	p	Coded for all the required data and displaying it.	8	PO10	PSO3

9	25-03-2023	p	p	P	p	Completed report	9	PO9, PO10, PO12	PSO3
10	04-05-2023	p	p	P	p	Final Demonstration	7	PO6, PO8, PO10	PSO3

Sign of the Supervisor

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EXAMINER'S FEEDBACK FORM

Name of External examiner: Ms. Seema Jadhav

College of External examiner: Shah & Anchor Kutchhi Engg.

Name of Internal examiner: Dr. Bhagyalakshmi. V

Date of Examination: 8/5/23 / /

No. of students in project team: 04

Availability of separate lab for the project: Yes /No

Student 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	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.

You can use ML algo. for prediction

Signature of External Examiner

Signature of Internal Examiner

Sign of the Supervisor