MAJOR PROJECT LOGBOOK

(CSP701: MAJOR PROJECT-1)

GROUP MEMBERS

1. ALTAMASH CHOUGLE (05 / 221041042)
2. ATHARVA HARANE (15 / 221041026)
3. DARSH KAMBLE (23 / 221041036)
4. SNEHA SINGH (64 / 221041013)

Name of the Mentor

Dr. Avinash Raghunath Sonule

AC Patil
College *of* Engineering

Department of Computer Engineering

Jawahar Education Society's,

A. C. Patil College of Engineering,

Kharghar, Navi Mumbai-410210

University of Mumbai

(AY 2025-26)

INSTITUTE VISION & MISSION

VISION:

To create skilled professionals and engineers for catering the needs of industries and society.

MISSION:

- To provide qualified faculty and required infrastructures to impart quality education inculcating continuous learning attitude.
- To provide a platform for the interaction between academia and industry.
- To inculcate social values and responsible attitude amongst students through co- curricular and extracurricular activities.

COMPUTER ENGINEERING DEPARTMENT

VISION:

To develop socially committed professionals in computer engineering for fulfilling the needs of society and industries.

MISSION:

- To provide theoretical foundation with laboratory exposure and essentials infrastructures.
- To provide a platform for the interaction with industry personnel.
- To inculcate social awareness through co-curricular and extracurricular activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

I	To engage in lifelong learning to adapt with rapidly changing technology in the field of computer engineering.
II	To work effectively in team and exhibit ethical responsibilities
III	To strengthen the knowledge in multidisciplinary areas of engineering.

KNOWLEDGE AND ATTITUDE PROFILE (WK)

WK1	A systematic, theory-based understanding of the natural sciences applicable to the discipline and awareness of relevant social sciences.
WK2	Conceptually-based mathematics, numerical analysis, data analysis, statistics and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.
WK3	A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.
WK4	Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.
WK5	Knowledge, including efficient resource use, environmental impacts, whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.
WK6	Knowledge of engineering practice (technology) in the practice areas in the engineering discipline.
WK7	Knowledge of the role of engineering in society and identified issues in engineering practice in the discipline, such as the professional responsibility of an engineer to public safety and sustainable development
WK8	Engagement with selected knowledge in the current research literature of the discipline, awareness of the power of critical thinking and creative approaches to evaluate emerging issues
WK9	Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.

PROGRAM OUTCOMES (POs)

Program Outcome Code	Program Outcome Description
PO1	Engineering Knowledge: An ability to apply the fundamental knowledge in mathematics, science and engineering to solve problems in Computer engineering.
PO2	Problem Analysis: Identify, formulate, research literature and analyze computer engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and computer engineering and sciences
PO3	Design/ Development of Solutions: Design solutions for complex computer engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
PO4	Conduct investigations of complex engineering problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.
PO5	Modern Tool Usage: Create, select and apply appropriate techniques, resources and modern computer engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	The Engineer and The World: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to computer engineering practice. Understand the impact of professional computer engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
PO7	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of computer engineering practice.

PO8	Individual and Collaborative Team Work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
PO9	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.
PO10	Project Management and Finance: Demonstrate knowledge and understanding of computer 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.
PO11	Life-long Learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	Demonstrate the knowledge of programming, data, science, operating system and computer network security.
PSO2	Apply professional computer engineering practices and strategies for the design, development, operation and maintenance of software.

STUDENT INFORMATION

Major Project Title: MockMate AI

	Student 1	Student 2	Student 3	Student 4
PRN No.	221041026	221041036	221041042	221041013
Name	ATHARVA HARANE	DARSH KAMBLE	ALTAMASH CHOUGLE	SNEHA SINGH
Class with Division	BE Computer	BE Computer	BE Computer	BE Computer
Contact No.	8010098690	932187862	8879062767	8828356878
Email	atharva@acpce.ac.in	darsh@acpce.ac.in	altamash@acpce.ac.in	sneha@acpce.ac.in
Address	Badlapur, Thane	Wadala, Mumbai	Sec-50 New Seawoods West	Panvel, Navi Mumbai

DECLARATION

We declare that this project represents our ideas in our own words and wherever others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our project work. We promise to maintain minimum 75% attendance, as per the University of Mumbai norms. We understand that any violation of the above will be cause for disciplinary action by the Institute.

Yours Faithfully

1. ALTAMASH CHOUGLE (0 5 / 221041042)
2. ATHARVA HARANE (15 / 221041026)
3. DARSH KAMBLE (23 / 221041036)
4. SNEHA SINGH (64 / 221041013)

(Signature of Students)

Letter of Acceptance

I undersigned, **Dr. Avinash Raghunath Sonule** working in the Computer Engineering department, willing to guide the project titled **"MockMate AI"** for the Major Project - 1 Semester VII respectively for the ***Academic Year 2025-26.*** The names of the students are:

1. ALTAMASH CHOUGLE (05 / 221041042)
2. ATHARVA HARANE (15 / 221041026)
3. DARSH KAMBLE (23 / 221041036)
4. SNEHA SINGH (64 / 221041013)

Dr. A. R. Sonule	**Dr. A. R. Sonule**	**Dr. M. M. Deshpande**
(Project Guide)	(Major Project Coordinator)	(HOD Computer)

COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs Covered
CO1	To develop the understanding of the problem domain through extensive review of literature.	PO1, PO2	PSO1
CO2	To Identify and analyze the problem in detail to define its scope with problem specific data.	PO1, PO2, PO3	PSO1, PSO2
CO3	To know various techniques to be implemented for the selected problem and related technical skills through feasibility analysis.	PO1, PO9	PSO2
CO4	To design solutions for real-time problems that will positively impact society and the environment.	PO2, PO4	PSO2
CO5	To develop clarity of presentation based on communication, teamwork and leadership skills.	PO5, PO6, PO7	PSO2
CO6	To inculcate professional and ethical behavior.	PO5	PSO1

CO PO PSO MAPPING

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

SCHEDULE FOR MAJOR PROJECT

Date	Week	Contents	Remark	Guide Sign
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			

PROGRESS/ATTENDANCE REPORT

Title of the Project: **MOCKMATE AI**	
Group No.4	1. ALTAMASH CHOUGLE (05 / 221041042) 2. ATHARVA HARANE (15 / 221041026) 3. DARSH KAMBLE (23 / 221041036) 4. SNEHA SINGH (64 / 221041013)
Name of the Supervisor: **Dr. A. R. Sonule**	

Date	**Progress/Suggestion**					**Mapping**		
	1	**2**	**3**	**4**		**CO**	**PO**	**PSO**

Sign of the Supervisor

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)	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			

Signature of External Examiner **Signature of Internal Examiner**