MINI PROJECT LOGBOOK

(CSM401 Mini project 1-B)

GROUP MEMBERS

1. Sarang Pavanaskar (D7A/51)
2. Tanmay Maity (D7A/42)
3. Akshat Mahajan (D7A/40)
4. Harsh Saindane (D7A/53)

Supervisor

Prof. Sunita Suralkar

Department of Computer Engineering

Vivekanand Education Society's Institute of Technology

HAMC, Collector's Colony, Chembur,

Mumbai-400074

University of Mumbai

(AY 2023-24)

INSTITUTE VISION & MISSION

Vision:

To create a vibrant knowledge-oriented environment with innovative teaching practices and to inculcate a tradition of socially conscious application of technology.

Mission:

- To inculcate a culture of value-based education.
- To enthuse students to develop in an ambient environment of caring and of sharing information.
- To enable students to work towards excellence in their chosen field with a professional bent of mind.

DEPARTMENT OF COMPUTER ENGINEERING

Vision:

To create a center of excellence in computing by imparting quality education for developing competent professionals.

Mission:

- To provide an enabling environment through excellence in teaching & learning to contribute towards industry and society.
- To promote and strengthen interdisciplinary approaches in innovation, creativity, and research.
- To facilitate productive employment and higher studies with an entrepreneurial attitude and professional ethics.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

I	To provide students with a solid foundation in their core concepts of mathematical, scientific, and computer engineering fundamentals required to comprehend, analyze, and design solutions for real-life problems.
II	To inculcate in students, a balanced outlook with a professional and ethical attitude, develop effective communication skills, teamwork, and leadership qualities with a multidisciplinary approach.
III	To prepare students to excel in postgraduate programs through an excellent academic environment and make them ready for productive employment in the public or private sectors and provide a lifelong learning experience.
IV	To provide broad educational and research experience through interdisciplinary and industry-centric programs.

PROGRAM OUTCOMES (POs)

Program Outcome Code	Program Outcome Description
PO1	Basic 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 science.
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 Society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to computer engineering practice.

PO7	Environment and Sustainability: Understand the impact of professional computer engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of computer engineering practice.
PO9	Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams and multidisciplinary settings.
PO10	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.
PO11	Project Management and Finance: Demonstrate knowledge and understanding of computer engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	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	Professional Skills - The ability to develop programs for computer-based systems of varying complexity and domains using standard practices.
PSO2	Successful Career - The ability to adopt skills, languages, environment, and platforms for creating innovative career paths, being successful entrepreneurs, or pursuing higher studies.

STUDENT INFORMATION

Project Title: QuickFixx: Professionals at your doorstep

	Student 1	Student 2	Student 3	Student 4
Roll no	51	42	40	53
Name	Sarang Pavanaskar	Tanmay Maity	Akshat Mahajan	Harsh Saindane
Class with Division	D7A	D7A	D7A	D7A
Contact No.	9967822564	7768862479	7045432201	9321761241
E-mail	2022.sarang.pavanaskar@ves.ac.in	2022.tanmay.maity@ves.ac.in	2022.akshat.mahajan@ves.ac.in	2022.harsh.saindane@ves.ac.in
Address	R-29 Chaturang,	C-101, Unique Bhavan	Flat No 302, Yash Park, Bldg No 69	Riddhi Apartment, 104
	MIDC residential zone	Chinchpada, Pen	Pantnagar, Ghatkopar(E)	sector-35, 47/48Kamothe
	Dombivli East, 421203	Raigad, 402107	Mumbai - 400075	Navi Mumbai,410208

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 books duly signed by the guide must be submitted with a project report for evaluation at the end of the 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 sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented fabricated or falsified any idea/data/fact/source in my project work. I promise to maintain a minimum of 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. Sarang Pavanaskar (51)
2. Tanmay Maity (42)
3. Akshat Mahajan (40)
4. Harsh Saindane (53)

(Signature of Students)

Letter of Acceptance

I undersigned, **Prof Ms. Sunita Suralkar** working in the Computer Engineering department, am willing to guide the project titled **QuickFixx: Professionals at your doorstep** for the mini project-I Semester III / IV respectively for the academic year 2023-24.

The names of the students are:

1. Sarang Pavanaskar
2. Tanmay Maity
3. Akshat Mahajan
4. Harsh Saindane

(Project Guide)	(Mini Project Coordinator)	(HOD Computer)

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COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO1,PO2,PO4	PSO1,PSO2
CO2	Apply Knowledge and skills to solve societal problems in a group.	PO1,PO2,PO4, PO5,PO6,PO8,	PSO1, PSO2
CO3	Develop interpersonal skills to work as a member of a group or leader.	PO1,PO2,PO4, PO9,PO11	PSO1, PSO2
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO1,PO2,PO4. PO5,PO6,PO12	PSO1, PSO2
CO5	Analyze the impact of solutions in societal and environmental contexts for sustainable development.	PO2,PO3,PO4, PO7, PO12	PSO1, PSO2
CO6	Use standard norms of engineering practices	PO1,PO2,PO4, PO12	PSO1
CO7	Excel in written and oral communication.	PO1,PO4,PO8, PO9,PO10, PO12	PSO1
CO8	Demonstrate capabilities of self-learning in a group, which leads to lifelong learning.	PO1,PO2,PO4, PO12	PSO1
CO9	Demonstrate project management principles during project work.	PO1,PO2,PO4, PO11, PO12	PSO1, PSO2

CO-PO-PSO MAPPING

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

SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
18/01/2024	2	Discussion regarding the updates in the project as well as suggestions to add multi-language functionality in the app		
30/01/2024	4	Discussion about service provider module implementation and technical paper		
07/02/2024	5	Finalized abstract of mini-project		
08/02/2024	5	Showed changes in the mobile app		
10/02/2024	5	Showed implementation of the project for Review I		
03/03/2024	9	Showed the first draft of the Technical Paper		
04/03/2024	9	Discussion regarding the changes in the Technical Paper		
09/03/2024	9	Showed implementation of the project with new additions such as getting app notifications, messages regarding service booking, and allotment of service provider for both user and service provider end, showed the partial implementation of multi-language functionality for Review II		
20/03/2024	10	Discussion regarding changes required in the presentation for the technical paper competition related to the mini-project and how microservices form a crucial foundation in our project		

PROGRESS/ATTENDANCE REPORT

Title of the Project: QuickFixx: Professionals at your doorstep	
Group No. :19	Name of Student 1: Sarang Pavanaskar
	Name of Student 2: Tanmay Maity
	Name of Student 3: Akshat Mahajan
	Name of Student 4: Harsh Saindane
Name of the Supervisor: Prof. Sunita Suralkar	

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
	Add dates in this column	1	2	3	4		CO	PO	PSO
1	18/01/2024	✓	✓	✓	✓	Discussion regarding the updates in the project as well as suggestions to add multi-language functionality in the app			
2	30/01/2024	✓	✓	✓	✓	Discussion about service provider module implementation and technical paper			
3	07/02/2024	✓	✓	✓	✓	Finalized abstract of mini-project			
4	08/02/2024	✓	✓	✓	✓	Showed changes in the mobile app			
5	10/02/2024	✓	✓	✓	✓	Showed implementation of the project for Review I			

6	03/03/2024	✓	✓	✓	✓	Showed the first draft of the Technical Paper			
7	04/03/2024	✓	✓		✓	Discussion regarding the changes in the Technical Paper			
8	09/03/2024	✓	✓	✓	✓	Showed implementation of the project with new additions such as getting app notifications, messages regarding service booking, and allotment of service provider for both user and service provider end, showed the partial implementation of multi-language functionality for Review II			
9	20/03/2024		✓	✓	✓	Discussion regarding changes required in the presentation for the technical paper competition related to the mini-project and how microservices form a crucial foundation in our project			

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 the 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 as a member or leader			
8	Clarity in written and oral communication			
9	Overall performance			

o Can the same mini project extend to next semester by adding new objectives/ideas?

(Yes/ No)

o If yes, suggest a new Innovative Technique/Idea/ objectives related to this project.

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