

# **MINI PROJECT LOGBOOK**

(CSM401 Miniproject 1-B)

## **GROUP MEMBERS**

1. Simran Karamchandani
2. Tanisha Pandit
3. Saniya Dangat
4. Somya Jain
5. Mukund Purswani

Supervisor

Dr. Dashrath Mane

(Assistant Professor, CMPN)



**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 approach in innovation, creativity and research.
- To facilitate productive employment and higher studies with 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 professional and ethical attitude, develop effective communication skills, teamwork and leadership qualities with 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 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 in 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 own 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 for pursuing higher studies.



## STUDENT INFORMATION

Project Title:

Heal-It

	Student 1	Student 2	Student 3	Student 4	Student 5
<b>UID/ERP NO Roll no</b>	37	46	14	30	69
<b>Name</b>	Simran Karamchandani	Tanisha Pandit	Saniya Dangat	Somya Jain	Mukund Purswani
<b>Class with Division</b>	D7C	D7C	D7C	D7C	D7B
<b>Contact No.</b>	9922468800	7977061657	9867563200	8104183321	7020346789
<b>E-mail</b>	2022.simran.kar amchandani@ve s.ac.in	2022.tanisha.pan dit@ves.ac.in	2022.saniya.dang at@ves.ac.in	2022.somya.jain @ves.ac.in	d2022.mukund.p urswani@ves.ac .in
<b>Address</b>	406, Trishul Apartment, Shiv Dham Complex, Shiv Mandir Road, Ambarnath (E) - 421501	1805/6 Hurrah C.H.S., Citi of Joy Complex, J.S.D ROAD, Mulund West - 400080	2/4, Uttar Bhartiya Rec.Soc., Vidyalaya Marg, Bhoir Nagar, Mulund -(E), Mumbai- 400081	B4, Saudamini CHS, Sector no. 11, Kharghar, Navi Mumbai, 410210	402, Gobind Palace, Near Bhaji Market, Ulhasnagar, 421 001.

## INSTRUCTIONS TO STUDENTS:

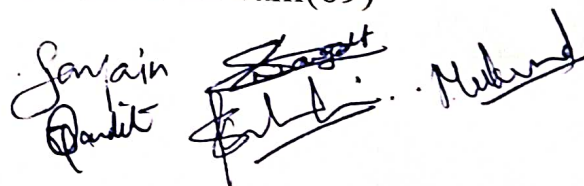
1. The logbook must be submitted to the Guide or Co-Guide for verification and evaluation of project activities at least once in a week.
2. Log books duly signed by the guide must be submitted with a project report for evaluation at the end of semester to the department.

## 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. Simran Karamchandani(37)
2. Tanisha Pandit(46)
3. Saniya Dangat(14)
4. Somya Jain(30)
5. Mukund Purswani(69)



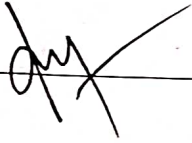
(Signature of Students)

## Letter of Acceptance

I undersigned, Prof Dashrath Mane working in the Computer Engineering department, willing to guide the project titled Heal-It for the mini project-I Semester III / IV respectively for the academic year 2023-24.

The names of the students are:

1. Simran Karamchandani
2. Tanisha Pandit
3. Saniya Dangat
4. Somya Jain
5. Mukund Purswani



(Project Guide)



(Mini Project Coordinator)



(HOD Computer)

## COURSE OUTCOMES



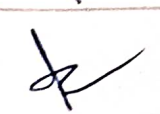
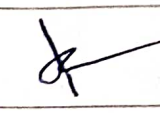

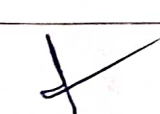
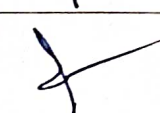


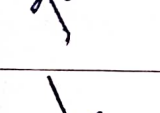
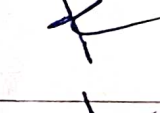
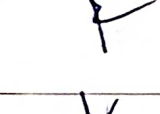
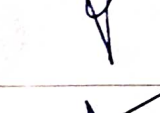
CO No.	COURSE OUTCOME	POs covered	PSOs covered
CO1	Identify problems based on societal /research needs.	PO1,PO2,PO4	PSO1,PSO2
CO2	Apply Knowledge and skill to solve societal problems in a group.	PO1,PO2,PO4, PO5,PO6,PO8,	PSO1, PSO2
CO3	Develop interpersonal skills to work as a member of a group or leader.	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 context 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
12/01/2024	1	Maps API was added and implemented in both the user UI and the driver UI.		
19/01/2024	2	Integrated Cloud storage to allow storing of images taken at driver registration.		
26/02/2024	3	Created various fragments like profile, chat, logout and ambulance types.		
02/02/2024	4	Interconnecting the various fragments.		
09/02/2024	5	Implementation of dark mode and additional work done on maps, registration and fragments.		
14/02/2024	6	Review 1 was conducted.		
23/02/2024	7	Interconnecting the driver and user side of the app		
01/03/2024	8	Implementation of ambulance booking process for EMERGENCY		
09/03/2024	9	Review 2 was conducted.		
15/03/2024	10	work on ui to show the location of the user driver and the distance between them.		
22/03/2024	11	Developing of 'booknow' model with additional details		
29/03/2024	12	Finishing and polishing of the project		
05/04/2024	13	Final Review/ Examination		

## PROGRESS/ATTENDANCE REPORT

Title of the Project:

Heal-it

Group No. : 4	Name of Student 1: Simran Karamchandani
	Name of Student 2: Tanisha Pandit
	Name of Student 3: Saniya Dangat
	Name of Student 4: Somya Jain
	Name of Student 5: Mukund Purswani

Name of the Supervisor:

Dr. D. G. Kulkarni

Sr. No	Date	Attendance					Progress/Suggestion	Mapping		
		1	2	3	4	5		CO	PO	PSO
	Add dates in this column									
1	12/01/2024	✓	✓	✓	✓		Maps API was added and implemented in both the user UI and the driver UI.	CO1	PO1, PO2, PO4	PSO1, PSO2
2	19/01/2024	✓	✓	✓	✓		Integrated Cloud storage to allow storing of images taken at driver registration.	CO2	PO1, PO2, PO4, PO5, PO6, PO8	PSO1, PSO2
3	26/02/2024	✓	✓	✓	✓		Created various fragments like profile, chat, logout and ambulance types.	CO4	PO1, PO2, PO4, PO5, PO6, PO12	PSO1, PSO2
4	02/02/2024	✓	✓	✓	✓		Interconnecting the various fragments.	CO4	PO1, PO2, PO4, PO5, PO6, PO12	PSO1, PSO2
5	09/02/2024	✓	✓	✓	✓		Implementation of dark mode and additional work done on maps, registration and fragments.	CO6	PO1, PO2, PO4, PO12	PSO1

6	14/02/2024	✓	✓	✓	✓		Review 1 was conducted.	CO3	PO1,PO2, PO4, PO9,PO11	PSO1,P OS2
7	23/02/2024	✓	✓	✓	✓	✓	Interconnecting the driver and user side of the app	CO6	PO1, PO2, PO4, PO12	PSO1
8	01/03/2024	✓	✓	✓	✓	✓	Implementation of ambulance booking process for EMERGENCY	CO6	PO1, PO2, PO4, PO12	PSO1
9	09/03/2024	✓	✓	✓	✓	✓	Review 2 was conducted.	CO8	PO1, PO2, PO4, PO12	PSO1
10	15/03/2024	✓	✓	✓	✓	✓	work on ui to show the location of the user driver and the distance between them.	CO6	PO1, PO2, PO4, PO12	PSO1
11	22/03/2024	✓	✓	✓	✓	✓	Developing of 'booknow' model with additional details	CO6	PO1, PO2, PO4, PO12	PSO1
12	29/03/2024	✓	✓	✓	✓	✓	Finishing and polishing of the project	CO8	PO1,PO2, PO4,PO12	PSO1
13	05/04/2024	✓	✓	✓	✓	✓	Final Review/ Examination	CO8	PO1,PO2, PO4,PO12	PSO1



Signature of the Supervisor



## EXAMINER'S FEEDBACK FORM

Name of External examiner: Dr. Rohini Temkar

College of External examiner: VESIT

Name of Internal examiner: Dr. D. G. Man

Date of Examination: 13/14/24

No. of students in project team: \_\_\_\_\_

Availability of separate lab for the project: ☒ Yes / No

### Student Performance Analysis (Put Tick as per your Observation)

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

o Can the same mini project extend to next semester by adding new objectives/ideas?  
( Yes/No ) ☒ Yes

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

Dr. Rohini Temkar  
Signature of External Examiner

Dr. D. G. Man  
Signature of Internal Examiner