MINI PROJECT LOGBOOK

(CSM501: Mini Project 2 A)

GROUP MEMBERS

1. **Tisha Jeswani (D12B-21)**
2. **Dinky Khatri (D12A-31)**
3. **Jiya Lund (D12A-37)**
4. **Varsha Makhija (D12C-43)**

Name of the Mentor : **Dr. Prashant Kanade**

Department of Computer Engineering

Vivekanand Education Society's Institute of Technology,

An Autonomous Institute affiliated to University of Mumbai

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.

COMPUTER ENGINEERING DEPARTMENT

VISION:

To reach international standards by empowering students with Computing skills and cutting edge technology

MISSION:

- To sustain excellence in teaching and research and create center of excellence
- To provide broad Educational and Research experiences through interdisciplinary and industrial collaboration programs.
- To prepare students to enter the world of computing and make them ready for productive employment in the public or private sectors, enhance their entrepreneurship skills and motivate them to pursue advanced degrees.

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 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 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: Medicine Stock System For Health Centers

	Student 1	Student 2	Student 3	Student 4
Roll No.	21	31	37	43
Name	Tisha Jeswani	Dinky Khatri	Jiya Lund	Varsha Makhija
Class with Division	D12B	D12A	D12A	D12C
Contact No.	9370638844	9322309966	9960920021	9325457766
E-mail	2021.tisha.jeswani@ves.ac.in	2021.dinky.khatri@ves.ac.in	2021.jiya.lund@ves.ac.in	2021.varsha.makhija@ves.ac.in
Address	Good Luck apt,	Bk.547, Room no.1,	Bk.314, Room no.4,	Bk no-1049, Room no-22,
	4th floor, 404	Behind karachi Hotel	Siru chowk,	Sec-24, Near Ashok Anil Multiplex,
	OT section khemani	Siru chowk,	Near sonara galli,	
	ulhasnagar-421002	ulhasnagar-421002	ulhasnagar-421002	Ulhasnagar-421003

INSTRUCTIONS TO STUDENTS:

1. The logbook must be submitted to the mentor or Co-Mentor for verification and evaluation of project activities at least once in a week.
2. Logbook 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. Tisha Jeswani (D12B-21)
2. Dinky Khatri (D12A-31)
3. Jiya Lund (D12A-37)
4. Varsha Makhija (D12C-43)

Tisha
Dinky
Jiya

(Signature of Students)

Letter of Acceptance

I undersigned, ***Dr. Prashant Kanade*** working in the Computer Engineering department, willing to guide the project titled **Medicine Stock System For Health Centers** for the Mini Project 2 A Semester V respectively for the *Academic Year 2023-24.* The names of the students are:

1. Tisha Jeswani (D12B-21)
2. Dinky Khatri (D12A-31)
3. Jiya Lund (D12A-37)
4. Varsha Makhija (D12C-43)

(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,POS2
CO4	Draw the proper inferences from available results through theoretical/ experimental/simulations.	PO1,PO2,PO4, PO5,PO6,PO12	PSO1,POS2
CO5	Analyze the impact of solutions in societal and environmental context for sustainable development.	PO2,PO3,PO4, PO7,PO12	PSO1,POS2
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,POS2

CO-PO-PSO MAPPING

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

SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
~~13/09/2023~~ 17/7/23	1	~~Review-1~~ Identification of Problem	Satisfactory	17/7
21/7/23	2	Brief Literature Review	Adequate	21/7
25/7/23	3	Detailed Review of selected Literature for reference	Satisfactory	25/7
5/8/23	4	Synopsis Submission	Satisfactory	5/8
18/8/23	5	Identification of Design	excellent	18/8
28/8/23	6	Module Description	Good	
29/8/23	7	Data Base Design & ~~Approval~~	satisfactory	29/8
13/9/23	8	Project Review	Satisfactory	
25/9/23	9	Update as per Recommen	V good	25/9
5/10/23	10	Frontend (GUI) Design	V good	
10/10/23	11	Functional Module Refine	V good	
21/10/23	12	Review for Partial fulfillment of sem V	Satisfactory	21/10/23

21/10/23 Dr Raghavendra

PROGRESS/ATTENDANCE REPORT

Title of the Project: **Medicine Stock System For Health Centers**	
Group No. 14	1. Tisha Jeswani (D12B-21) 2. Dinky Khatri (D12A-31) 3. Jiya Lund (D12A-37) 4. Varsha Makhija (D12C-43)
Name of the Supervisor: Dr. Prashant Kanade	

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
		1	2	3	4		CO	PO	PSO
1	2/08/23	p	p	p	p	**Progress :** We initiated discussions with our mentor about our project concept. **Suggestions :** Sir suggested the core idea of developing a website that employs barcode scanning technology to assess medicine availability in various areas and healthcare facilities.	CO9	PO1,PO2, PO4, PO11, PO12	PSO1, PSO2
2	4/08/23	A	p	p	p	**Progress :** we sought to understand the technical intricacies of barcode scanning, but we still had uncertainties about the technical implementation **Suggestions :** Sir helped develop a more understanding of the technical requirements. And suggested It's essential to document the database structure and clarify how we plan to use PHP, SQL for the backend.	CO3	PO1,PO2, PO4, PO11	PSO1, PSO2
3	7/08/23	p	A	A	p	**Progress :** We took the initiative to conduct research on how our project should be structured. We explained our findings and a preliminary project structure to our mentor. **Suggestions :**	CO8	PO1,PO2, PO4,PO12	PSO1

						Our mentor provided valuable feedback and suggestions and made structural adjustments using pen and paper, along with the database design.			
4	12/09/23	p	p	p	A	**Progress :** We reached a significant stage by creating a block diagram that illustrates the workflow of our database. We also developed a project synopsis that was well-received. **Suggestions :** Sir appreciated our effort and provided valuable feedback.	CO7	PO1,PO4, PO8,PO9, PO10, PO12	PSO1
5	13/09/23 Review	p	p	p	p	**Progress :** We had the opportunity to receive an external review of our project concept and paper prototype. **Suggestions :** The external reviewer was impressed with our ideas and progress.However, our mentor identified a gap in our literature study. To address this, we should work on strengthening our literature review to provide a more solid foundation for our project. Aligning the paper prototype with the project's technical requirements and making necessary corrections and refinements, especially in the front-end development, will be crucial to enhance our project further.	CO5	PO2,PO3, PO4, PO7,PO12	PSO1, POS2
6	9/10/23	p	p	p	p	**Progress :** With the help of the above mentioned paper prototype , We showcased our implemented front-end pages to our mentor. **Suggestions :** Sir instructed us to Continue with the implementation phase, ensuring that the front-end aligns with the project's design and requirements.	CO4	PO1,PO2, PO4,PO5, PO6,PO12	PSO1, PS02

Sign of the Supervisor

EXAMINER'S FEEDBACK FORM

Name of External examiner: Mrs Pooja Joshi

College of External examiner: VESIT

Name of Internal examiner: Dr Prashant Kamble

Date of Examination: 21/10/2023

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	✓		

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

Pajoshi

Signature of External Examiner

Signature of Internal Examiner