MINIPROJECT LOGBOOK

(CSM401 Miniproject 1-B)

GROUP MEMBERS

1. Mahek Kataria
2. Gazal Keshwani
3. Riya Lasi
4. Harshita Lohana

Supervisor

Prof. Mrs. Priyanka Shah

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: Making Learn Fun with 3D Visualization

	Student 1	**Student 2**	**Student 3**	**Student 4**
UID/ERP NO Roll no	39	38	42	38
Name	Gazal Keshwani	Mahek Kataria	Riya Lasi	Harshita Lohana
Class with Division	D7C	D7C	D7C	D7A
Contact No.	9322446133	9975759808	9552352350	8856800141
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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. Gazal Keshwani(39)
2. Mahek Kataria(38)
3. Riya Lasi(42)
4. Harshita Lohana(38)

(Signature of Students)

Letter of Acceptance

I undersigned, Prof Miss Priyanka Shah working in the Computer Engineering department, willing to guide the project titled Making Learn Fun with 3D Visualization for the mini project-I Semester III / IV respectively for the academic year 2023-24.

The names of the students are:

1. Gazal Keshwani(39)
2. Mahek Kataria(38)
3. Riya Lasi(42)
4. Harshita Lohana(38)

(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
02/02/2024	1	Discussion conducted on implementation of our project and next work plan.		
05/02/2024	2	Discussed about contents out website will hold.		
08/02/2024	3	Discussed about frontend of our project and changes in the contents created.		
09/02/2024	4	Working of our website (only frontend).		
10/02/2024	5	Review – 1 was conducted		
05/03/2024	6	Worked on changes that were suggested in review-1		
08/03/2024	7	Made changes in frontend as suggested and created dashboard and displayed database connectivity.		
09/03/2024	8	Complete working website and changes were made as suggested.		
10/02/2024	9	Review-2		
19/03/2024	10	Discussion about given task by reviewer.		
27/03/24	11	Discussion about our complete project and doubts regarding the report, ppt and logbook.		
12/04/24	12	Final Review		

PROGRESS/ATTENDANCE REPORT

Title of the Project: Making Learn Fun with 3D Visualization

Group No. :	Name of Student 1: Gazal Keahwani
	Name of Student 2: Mahek Kataria
	Name of Student 3: Riya Lasi
	Name of Student 4: Harshita Lohana

Name of the Supervisor:

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
	Add dates in this column	1	2	3	4		CO	PO	PSO
1	02/02/2024	✓	✓	✓		Understanding and finalization of problem statements.	CO3	PO1,PO2, PO4, PO12	PSO1,PSO2
2	05/02/2024	✓	✓	✓		Designing and development of the solutions.	CO3, CO6	PO1, PO2, PO3,PO4, PO5,PO9, PO12	PSO1
3	08/02/2024	✓	✓	✓		Improvisations on the Quiz Interface and overall website interface	CO3, CO6	PO1, PO2, PO3, PO4, PO12	PSO1
4	09/02/2024	✓	✓	✓		Complete working website (FRONTEND)	CO3, CO6	PO1, PO2, PO3, PO9, PO12	PSO1, PSO2
5	10/02/2024	✓	✓	✓	✓	REVIEW	CO3	PO1, PO2, PO3, PO9, PO12	PSO1

6	05/03/2024	✓		✓		Dashboard (FRONTEND)	CO3, CO6	PO1, PO2, PO3, PO9, PO12	PSO1, PSO2
7	08/03/2024	✓	✓	✓		Database Connectivity	CO3, CO6	PO1, PO2, PO3, PO9, PO12	PSO1, PSO2
8	09/03/2024	✓		✓		Complete working Website	CO3, CO6	PO1, PO2, PO3, PO9, PO12	PSO1, PSO2
9	10/03/2024	✓		✓	✓	REVIEW	CO3	PO1, PO2, PO3, PO9, PO12	PSO1
10	19/03/2024	✓		✓		Mini Project Report and Discussion regarding given task by the reviewer	CO3, CO6	PO1, PO2, PO4, 9P12	PSO1

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				

o Can the 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.

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