MINI-PROJECT LOGBOOK

GROUP MEMBERS

1. PATOLE KUNAL KISHOR
2. PAWAR HERSCHEL PRAVIN
3. RAJ ADITYA KRISHNA
4. RATHOD CHANDAN SUDHIR

Supervisor/Guide

Dr./Prof. P. Manivannan

Department of Information Technology

University of Mumbai

(Academic Year 2020-21)

INSTITUTE VISION & MISSION

VISION

"To become one of the outstanding Engineering Institute in India by providing a conductive and vibrant environment to achieve excellence in the field of Technology".

MISSION

"To empower the aspiring professional students to be prudent enough to explore the world of technology and mould them to be proficient to reach the pinnacle of success in the competitive global economy".

INFORMATION TECHNOLOGY DEPARTMENT

VISION

To emerge out as a prominent department offering a programme blended with research culture in its pursuit for academic excellence in order to develop professionally competent and socially responsible engineers capable of meeting industry demands and social obligations in a vibrant global environment.

Mission

1. To build fertile environment, where students receive the best of technological foundation and direction to explore, pursue and hone their own areas of interests, culminating with a wholesome development.
2. To strive towards building an atmosphere that will be a catalyst for innovative ideas and learning, providing students with various opportunities and experiences that can help them to thrive and prosper through a blend of academics, practical exposure and research programs to pursue successful careers in a global environment.
3. To bridge the gap between the industry, institute and society by acquainting the students with the highly dynamic information technology domain.
4. To imbibe a sense of responsibility amongst students to apply their knowledge diligently keeping in mind its possible impact on the society.
5. To develop soft and professional skills.

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO I: To enable the pursuit of knowledge in the field of Information Technology and contribute to the profession and employability of the students.

PEO II: To Engage in research, generate the employment through entrepreneurship and work effectively in multidisciplinary environment.

PEO III: To understand the human, social, ethical and environmental context of their profession and contribute positively to the needs of individuals and society at large.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	Explain and apply appropriate information technologies and employ appropriate methodologies to help an individual or organization achieve its goals and objectives
PSO2	Manage the information technology resources of an individual or organization
PSO3	Anticipate the changing direction of information technology and evaluate and communicate the likely utility of new technologies to an individual or organization
PSO4	Develop IT systems that would perform tasks related to E-governance and/or Health Care Management

PROGRAM OUTCOMES (POs)

PO's	**OUTCOMES**
PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
PO6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	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	Demonstrate knowledge and understanding of the 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	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

STUDENT INFORMATION

Project Title: SHIFT HANDOVER APPLICATION FOR NURSES

	Student 1	Student 2	Student 3	Student 4
Student ID	120IT1214A	120IT1108A	120IT1085A	121IT3085A
Name	PATOLE KUNAL KISHOR	PAWAR HERSCHEL PRAVIN	RAJ ADITYA KRISHNA	RATHOD CHANDAN SUDHIR
Class With Division	TE IT	TE IT	TE IT	TE IT
Contact No.	7887468245	8310783472	7494047897	7021485367
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	At -Padgha	Siddhi Belleza	Bhoomi Gardenia-2, Sector-20	HORIZON HEIGHTS,
	tal-Bhiwandi	Sector - 35	Roadpali, Kalamboli	KASARVADAVLI
	dis-Thane 421302	Kharghar 410210	Navi Mumbai 410218	THANE 400615

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 book duly signed by guide must be submitted with 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 without plagiarism 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. PATOLE KUNAL KISHOR
2. PAWAR HERSCHEL PRAVIN
3. RAJ ADITYA KRISHNA
4. RATHOD CHANDAN SUDHIR

(Date & Signature of Students)

Letter of Acceptance

I undersigned, Dr./Prof. P. Manivannan working in Information Technology Department, willing to guide the project titled SHIFT HANDOVER APPLICATION FOR NURSES for the Mini-Project-2 (A & B) Semester V / VI respectively for the Academic Year 2021-22.

The names of the students are:

1. PATOLE KUNAL KISHOR
2. PAWAR HERSCHEL PRAVIN
3. RAJ ADITYA KRISHNA
4. RATHOD CHANDAN SUDHIR

(Project Guide)	**(Mini-Project Coordinator)**	**(HOD-Information Technology)**

COURSE OUTCOMES

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

CO-PO-PSO MAPPING

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3	PSO 4
CO 1	✔		✔			✔	✔						✔			
CO 2			✔			✔										✔
CO 3							✔	✔	✔		✔				✔	
CO 4																
CO 5			✔				✔								✔	
CO 6								✔								

CO 7										✓	✓					
CO 8									✓	✓		✓				✓
CO 9										✓	✓					

SCHEDULE FOR MINI 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: Shift Handover Application for Nurses	
Group No.	Name of Student 1: PATOLE KUNAL KISHOR
	Name of Student 2: PAWAR HERSCHEL PRAVIN
	Name of Student 3: RAJ ADITYA KRISHNA
	Name of Student 4: RATHOD CHANDAN SUDHIR
Name of the Supervisor/Guide: Dr./Prof. P. Manivannan	

Sr. No	**Date**	**Attendance**				**Progress/Suggestion**	**Mapping**		
		1	2	3	4		CO	PO	PSO
1									
2									
3									
4									
5									

6						Presentation1			
7									
8									
9									
10									
11									
12									
13									

Name, Date & Sign of the Supervisor/Guide

REVIEW-I FORM

Group No: 15
Title of Mini-Project: SHIFT HANDOVER APPLICATION FOR NURSES
Date of Review-I:
No. of students in project team: 4

Student Mini-Project 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	Literature Survey			
3	Innovativeness in solutions			
4	Feasibility Of the Project			
5	Usage of technology			
6	Cost effectiveness and Societal impact			
7	Overall Presentation & Performance			
Comments:				

Project Guide & Panel Members Signature: 1)
2)
3)

Name, Date & Signature
Project Coordinator

Name, Date & Signature
HOD-Information Technology

REVIEW-II FORM

Group No: 15
Title of Mini-Project: SHIFT HANDOVER APPLICATION FOR NURSES
Date of Review-I:
No. of students in project team: 4

Student Mini-Project Performance Analysis (Put Tick as per your Observation)

Excellent (3) Very Good (2) Good (1)				
Sr. No.	**Observation**	**(3)**	**(2)**	**(1)**
1	Usage of effective skill sets			
2	Design and Implementation			
3	Testing and Analysis			
4	Use of standard engineering norms			
5	Cost effectiveness and Societal impact			
6	Contribution of an individual member in team			
7	Overall Presentation & Performance			
Comments:				

Project Guide & Panel Members Signature: 1)
2)
3)

Name, Date & Signature
Project Coordinator

Name, Date & Signature
HOD-Information Technology

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			

- Can 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.

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Name, Date & Signature
External Examiner

Name, Date & Signature
Internal Examiner

Name, Date & Signature
HOD-Information Technology