Hope Foundation's
Finolex Academy of Management and Technology
Ratnagiri, Maharashtra -415639
Information Technology Department

Department of Information Technology

MINI-PROJECT LOGBOOK

GROUP MEMBERS

1. Aditi Srivastava
2. Alisha Khot
3. Aishwarya Nimkar
4. Devayani Kurup

Supervisor/Guide

Dr./Prof. Swati Powar

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Finolex Academy of Management and Technology

Ratnagiri, Maharashtra -415639

Information Technology Department

Department of Information Technology

University of Mumbai

(Academic Year 2021-22)

INSTITUTE VISION & MISSION

VISION

The academy aspires to nurture students as leaders who are in tune with global trends, equipped with engineering knowledge and practical skills, to excel in creativity and innovation in order to play their part in technological advancement of the nation.

MISSION

1. To become foremost seat of advanced technical learning as a center of excellence in the region.
2. To offer state of the art facilities and quality education at affordable cost
3. To inculcate in students the culture of 'Play Hard and Play Fair'.
4. To advance sustainable development in the region through opportunities for entrepreneurship and industry-institute interaction.
5. To create a generation of young professionals who appreciate in all its aspects the necessity of balance between technological advances and traditional values.

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DEPARTMENT VISION & MISSION

VISION

Department endeavors to provide excellent Information Technology (IT) education and aspire to nurture students as leaders who are in tune with global IT Trends

MISSION

M1- To become foremost seat of Information Technology (IT) learning at affordable cost
M2 – To offer high Quality IT Education to advance sustainable development through opportunities in entrepreneurship and services
M3 – To create a generation of young IT Professionals in all its aspects with the balance between technological advances and traditional values.

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PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO1	To provide learners with Core Competence in mathematical, scientific and basic engineering fundamentals necessary to formulate, analyze and solve hardware/software engineering problems.
PEO2	To prepare learners to solve business-centered problems by identifying, analyzing, developing, and implementing information system based solutions with modern programming tools. To encourage learners to use best practices and implement technologies to enhance information security and enable compliance, ensuring confidentiality, information integrity, and availability.
PEO3	To prepare learners for successful career in Indian and Multinational Organizations, Identify and evaluate current and emerging technologies. To provide our graduates with learning environment awareness of the life-long learning .To motivate students to pursue it throughout their career and higher studies. To encourage and motivate learners for Research & Development and entrepreneurship.
PEO4	To introduce learners to ethical codes and guidelines including professional, ethical, legal and public policy issues to perform excellence, show leadership skills and demonstrate good citizenship
PEO5	To develop effective written and oral communication skills to interact with clients, users, co-workers and managers. To enable learners work as part of teams on multidisciplinary projects and diverse professional environments to accomplish a common goal by integrating personal initiative and group cooperation.

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PROGRAM OUTCOMES (POs)

	PO Domain	Program Outcomes : The students of Information Technology (IT) Department will be able to :
PO1	Engineering Knowledge	Apply the knowledge of mathematics, science and IT fundamentals to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature, and analyse complex IT problems reaching substantiated conclusions using principles of mathematics, natural sciences, and engineering.
PO3	Design/Development of Solutions	Use research-based knowledge of IT and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO4	Investigation of user needs	Ability to investigate, identify and analyse user needs, and take them into account in selection, creation, evaluation, administration of IT-based solutions into the user environment.
PO5	Modern Tool Usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex IT activities with an understanding of the limitations.
PO6	The Engineer and Society	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 in the field of IT.
PO7	Environment and Sustainability	Understand the impact of the professional IT solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the IT 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 IT 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 the IT 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	Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
PSO 1	Realistic Framework Designing	Design an algorithm, component, or process to meet desired needs, within realistic constraints through analytical, logical and problem solving skills.
PSO2	IT Integration and Adaptability	Effectively integrate IT-based solutions into the user environment and Adapt themselves easily to emerging trends in Information Technology.

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STUDENT INFORMATION

Project Title: **Spam Mail Detection**

	Student 1	Student 2	Student 3	Student 4
Student ID	T-20-0042	T-20-0045	T-20-0103	T-20-0227
Name	Aditi Srivastava	Alisha Khot	Aishwarya Nimkar	Devayani Kurup
Class with Division	TE-IT	TE-IT	TE-IT	TE-IT
Contact No.	7559405331	7757876168	7218540524	9322011310
E-mail	aditi.srivastava613@gmail.com	alishakhot2002@gmail.com	nimkaraishu@gmail.com	devayanikurup739@gmail.com
Address	D-102, Mahalaxmi Tower, Pushpendra City, Khedshi, Ratnagiri-415639	State Bank Colony, Ratnagiri	Shivalay apartment, joshipaland, ratnagiri	Ratnagiri

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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 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. Aditi Srivastava
2. Alisha Khot
3. Aishwarya Nimkar
4. Devayani Kurup

(Date & Signature of Students)

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Letter of Acceptance

I undersigned, Dr./Prof. Swati Powar working in Information Technology Department, willing to guide the project titled Spam Mail Detection for the Mini-Project-2 (A & B) Semester V /VI respectively for the Academic Year 2021-22.

The names of the students are:

1. Aditi Srivastava
2. Alisha Khot
3. Aishwarya Nimkar
4. Devayani Kurup

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

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COURSE OUTCOMES

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

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CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	0	3	0	0	2	0	1	0	0	0	0	0	0	0	3
CO2	3	1	0	2	2	3	2	0	3	0	0	0	0	3	3
CO3	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0
CO4	0	0	2	3	3	0	0	0	0	2	0	1	3	3	3
CO5	0	2	3	3	3	3	0	3	0	0	0	0	0	3	3
CO6	2	3	0	2	1	0	0	0	0	0	0	0	0	2	0
CO7	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
CO8	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3
CO9	0	0	0	0	3	2	2	0	0	0	2	0	2	0	0

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SCHEDULE FOR MINI PROJECT

Date	Week	Contents	Remark	Guide Sign
13/01/23	1	Conduct a literature survey and identify needs of user.		
14/01/23	2	Convert needs into problems in consultation with faculty supervisor/head.		
21/01/23	3	Submit implementation plan in the form of Gantt/ PERT/ CPM chart.		
22/01/23	4	A logbook to be prepared by each group.		
28/02/23	5	Students in a group shall understand problem effectively, propose multiple solution.		
05/02/23	6	Students shall convert best solution into working model.		
18/02/23	7	Students shall convert best solution into working model and demonstrate.		
19/02/23	8	Students shall convert best solution into working model and demonstrate.		
04/03/23	9	Students shall convert best solution into working model and demonstrate.		
05/03/23	10	Students shall convert best solution into working model and demonstrate.		

19/03/23	11	Students shall convert best solution into working model and demonstrate.		
25/03/23	12	Students shall convert best solution into working model and demonstrate.		
16/04/23	13	The solution to be validated with proper justification and report to be compiled in standard format of University of Mumbai.		

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PROGRESS/ATTENDANCE REPORT

Title of the Project: **Spam Mail Detection**	
Group No.	Name of Student 1: Aditi Srivastava
	Name of Student 2: Alisha Khot
	Name of Student 3: Aishwarya Nimkar
	Name of Student 4: Devayani Kurup
Name of the Supervisor/Guide: Dr./Prof. Swati Powar	

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
		1	2	3	4		CO	PO	PSO
1	14/01/23	P	P	P	P	Finalizing the Requirements	1	2	1, 2
2	22/01/23	P	P	P	P	Determine all the roles and responsibilities and develop a schedule.	1	2	1, 2
3	29/01/23	P	P	P	P	Collecting resources and planning required technologies.	1	2, 5, 7	2
4	05/02/23	P	P	P	P	Creating the literature review.	2	1, 2, 4, 5, 6, 7, 9	1, 2

5	19/02/23	P	P	P	P	Linear regression model development.	2	1, 2, 4, 5, 6, 7, 9	1, 2
6	05/03/23	P	P	P	P	Model evaluation	4	1, 2, 4, 5, 6, 7, 9	1, 2
7	19/03/23	P	P	P	P	Presentation preparation	3, 7	9, 10, 11	1
8	26/03/23	P	P	P	P	Documentation	7	10	-
9	02/04/23	P	P	P	P	Report writing	7	10	-
10	16/04/23	P	P	P	P	Final review and submission	8, 9	4, 5, 8, 9, 10, 11, 12	2

Name, Date & Sign of the Supervisor/Guide

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REVIEW-I FORM

Group No:_____

Title of Mini-Project: Spam Mail Detection

Date of Review-I: _____

No. of students in project team: 04

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

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REVIEW-II FORM

Group No: _____

Title of Mini-Project: Spam Mail Detection

Date of Review-II: _____

No. of students in project team: 04

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

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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.

_____

_____

_____

Name, Date & Signature
External Examiner

Name, Date & Signature
Internal Examiner

Name, Date & Signature
HOD-Information Technology