St. Francis Institute of Technology
(Engineering College)
(An Autonomous Institute, Affiliated to University of Mumbai)
AICTE Approved | NAAC A+ grade: 03 programs are NBA Accredited: ISO 9001:2015 Certified

Department of Information Technology

MINI-PROJECT LOGBOOK

Live Insights on General Mood and Attitude

GROUP MEMBERS

1. **Tanmay Bhatkar 09**
2. **Mazin Bangi 08**
3. **Sahil Bangera 07**
4. **Shannen Anthony 04**

Guide
Dr. Minal Lopes

2024-2025

INSTITUTE VISION & MISSION

VISION:

To be a chrysalis where bright youngsters are transformed into technological entrepreneurs and innovative leaders of tomorrow's world, consistent with the Franciscan vision of integrity, peace and love.

MISSION:

To churn highly competent engineering graduates with a commitment to result oriented work, a perennial zest for learning, a quest for excellence, an open mind and the universal values of honesty, dignity and mutual care.

Department of Information Technology

DEPARTMENT VISION & MISSION

VISION:

To create a conducive instrument for transforming the enrolled potential fresher into competent Information Technology professional or entrepreneur with integrity and ethical value.

MISSION:

- To become a unit of excellence in teaching, training, research, innovative application and extension work in IT in co-operation with various other departments.
- To make knowledge and expertise accessible with various dissemination strategies, including networking with research units, colleges, government and industry along with the motivation for self-learning.
- To integrate teaching, research and practice along with higher education for generation and application of knowledge in line with emerging needs of industry, technical quality with market driven professional pursuits, programs, courses, collaboration.
- To develop entrepreneur skills along with ethical and professional values among the students.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- To provide students with a sound foundation in mathematical, scientific and engineering fundamentals to design, analyze and solve complex engineering problems, to develop a quest for higher studies and to inspire them to foster innovative research.
- To provide an environment and to make knowledge & expertise accessible for students to work in multi-disciplinary projects, to solve real life problems with the help of modern tools and techniques and to lead towards a successful professional career.
- To develop effective soft skills, inculcate team building capabilities such as leadership skills, managerial skills, and entrepreneurial skills and simultaneously nurture professional and ethical attitude in broad social context for sustainable development through lifelong learning.

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PROGRAM SPECIFIC OUTCOMES (PSOs)

- Students will be able to acquire the basic knowledge of analysis and design, based on the comprehensive principles of Software Engineering, Project Management, Software Testing and Quality Assurance.
- Students will be able to apply research-based approaches using innovative tools and techniques in the field of Communication & Networks, Computer graphics & Image Processing and Information Security & Data Management.
- Students will be able to use the knowledge of Information Technology to develop end to end solutions in the field of SCAM (Social, Cloud, Analytics and Mobile).
- Students will be able to fuel entrepreneurship or to serve niche employment while portraying competencies like teamwork, efficient soft skills and a zeal for lifelong learning in order to contribute to society with moral and ethical values.

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PROGRAM OUTCOMES (POs)

PO1	Engineering knowledge - Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
PO2	Problem Analysis - Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	Design/development of solutions - Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
PO4	Conduct investigations of complex problems - 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	Modern tool usage - 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	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.
PO7	Environment and sustainability - Understand the impact of the professional engineering 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 engineering practice.
PO9	Individual and team work - Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.
PO10	Communication - Communicate effectively on complex engineering activities with the engineering community and with t h e 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 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 life-long learning in the broadest context of technological change. Graduates will be able to secure employment or be an entrepreneur with ability to apply professional knowledge with ethical responsibility.

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STUDENT INFORMATION

Project Title: Live Insights on General Mood and Attitude

	Student 1	Student 2	Student 3	Student 4
Student ID	221009	221008	221004	221007
Name	Tanmay Bhatkar	Mazin Bangi	Shannen Anthony	Sahil Bangera
Class with Division	TEIT-A	TEIT-A	TEIT-A	TEIT-A
Contact No.	7304478036	7208726339	9769574144	9987412610
E-mail	tanmaybhatkar12@student.sfit.ac.in	mazinbangi72@student.sfit.ac.in	shannenanthony371@student.sfit.ac.in	sahilbangera4@student.sfit.ac.in
Address	Charkop, Kandivali (W)	Bharti Park,Mira Road (E)	Marve Road, Malad (W)	I.C Colony,Borivali (W)

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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 a 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 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._____

2._____

3._____

4._____

(Signature of Students with Date)

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LETTER OF ACCEPTANCE

I undersigned, **Dr. Minal Lopes,** working in the Information Technology Department, is willing to guide the project titled Live Insights on General Mood and Attitude For the Mini-Project-2B Semester VI for the Academic Year 2024-25.

The names of the students are:

1. Tanmay Bhatkar
2. Mazin Bangi
3. Sahil Bangera
4. Shannen Anthony

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

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COURSE OUTCOMES

CO No.	COURSE OUTCOME	POs covered	PSOs covered
ITM601.1	Students will be able to *identify* problems based on societal /research needs, *apply* knowledge and skill to *solve* societal problems and *analyze* the impact of solutions in societal and environmental context for sustainable development.in a group.	PO2, PO3, PO4 PO7	PSO3
ITM601.2	Students will be able to *develop* web-based data science model and *follow* standard engineering practices.	PO3, PO5, PO11	PSO1
ITM601.3	Students will be able to *draw* the proper inferences from available results through theoretical/ experimental/ simulations.	PO4	PSO1, PSO3
ITM601.4	Students will be able to *demonstrate* project management principles.	PO11	PSO1
ITM601.5	Students will be able to develop written and oral communication skills and enhance their interpersonal skills to work as members of a group or as a leader.	PO9, PO10	PSO4
ITM601.6	Students will be able to *demonstrate* capabilities of self-learning in a group, which leads to life-long learning.	PO12	PSO4

CO-PO-PSO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
ITM601.1		3	3	3			3								3	
ITM601.2			3		3						3		3			
ITM601.3				3									3		3	
ITM601.4											3		3			
ITM601.5									3	3						3
ITM601.6												3				3

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SCHEDULE FOR MINI PROJECT

Week Number	Dates	Planned Activity
1	13/01/25-14/01/25	Group formation, mini project orientation
2	20/01/25-21/01/25	Topic finalization
3	27/01/25-28/01/25	Literature review/ Market survey
4	03/02/25-04/02/25	System design
5	10/02/25-11/02/25	Implementation
6	17/02/25-18/02/25	Implementation
7	24/02/25-25/02/25	Implementation
8	10/03/25-11/03/25	Mid-semester presentation
9	17/03/25-18/03/25	Result analysis, Submission for abstract
10	24/03/25	Final presentation PPT submission
11	01/04/25	Final internal evaluation
12	08/04/25	Final report preparation, Completion of log book
13	15/04/25	Submission of report and logbook

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PROGRESS/ATTENDANCE REPORT

Title of the Project: Live Insights on General Mood and Attitudes

Group No. 1	Name of Student 1: Tanmay Bhatkar
	Name of Student 2: Mazin Bangi
	Name of Student 3: Sahil Bangera
	Name of Student 4: Shannen Anthony

Name of the Guide: Dr. Minal Lopes

S.No.	Date	Attendance				Progress/Suggestion	Mapping		
		1	2	3	4		CO	PO	PSO
1	13/01/25	P	P	A	A	Group formation, mini project orientation			
	14/01/25	P	A	P	P	Group formation, mini project orientation			
2	20/01/25	P	P	P	P	Topic finalization			
	21/01/25	P	P	P	P	Topic finalization			
3	27/01/25	P	P	P	P	Literature review/ Market survey			
	28/01/25	P	P	P	P	Literature review/ Market survey			
4	03/02/25	P	P	P	P	System design			
	04/02/25	P	P	P	P	System design			
5	10/02/25	P	P	P	P	Implementation			
	11/02/25	P	P	P	A	Implementation			
6	17/02/25	P	P	P	P	Implementation			
	18/02/25	P	P	P	P	Implementation			
7	24/02/25	P	P	P	A	Implementation			
8	10/03/25	P	P	P	P	Mid-semester presentation			
	11/03/25	P	P	P	A	Mid-semester presentation			
9	17/03/25	P	P	P	P	Result analysis, Submission for abstract			
	18/03/25	P	P	P	P	Result analysis, Submission for abstract			
10	24/03/25	P	A	P	A	Final presentation PPT submission			
11	01/04/25	P	P	P	P	Final internal evaluation			
12	08/04/25	P	P	P	A	Final report preparation, Completion of log book			
13	15/04/25	P	P	P	P	Submission of report and logbook			

Name, Date & Sign of the Supervisor/Guide

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REVIEW-I FORM

Group No: 3

Title of Mini-Project: Live Insights on General Mood and Attitude

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: 3

Title of Mini-Project: Live Insights on General Mood and Attitude

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