DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: _SE - 13_   Sem: _4th Sem_

Project Title: _Chat app using Flutter_

Team Member 1: (Team Leader)

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Team Member 3:

Name: _Sahil Yogesh Birje_

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Team Member 4:

Name: _Om Kumarbabu Brahmavale_

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Mobile No: _+91 70586 76661_

Prof._____
Project Guide

Prof._____
Mini- Project Coordinator

Dr._____
Head of Department

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE - I3   Sem: 4th Sem

Date: From 13/01/2025 to 27/01/2025

Progress Planned	Progress Achieved
Finalize Project topic	Topic Confirmed "Chat Application Using Dart"
Choose development tech Stack (Flutter & Firebase)	Chosen Stack: Flutter for Frontend Firebase for Backend.
Set up initial project repo.	
	Github repo created & project initialized.

Guides Review: Topic confirmed, Tech stack confirmed
Github repo created.

Signature

Name and Signature of Team Member 1:

Name and Signature of Team Member 2:

Name and Signature of Team Member 3:

Name and Signature of Team Member 4:

Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: 29/01/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE-13

Sem: 4th Sem

Date: From 27/01/2025 to 31/01/2025

Progress Planned	Progress Achieved
Create UI for login, Register, & Chat screens	Login & Register, & Chat screens.
Finalize Colour theme & layout Structure	The Chat UI wireframe implemented
	Basic theme setup completed.

Guides Review: Login & Register, chat UI, theme completed.

Signature

Name and Signature of Team Member 1:

Name and Signature of Team Member 2:

Name and Signature of Team Member 3:

Name and Signature of Team Member 4:

Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: 31/01/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: _SE-13_ Sem: _4th Sem_

Date: From _31/01/2025_ to _05/02/2025_

Progress Planned	Progress Achieved
Integrate Firbase Authentication	Firebase Auth successfully implemented.
Enable Email & password based. sign-in/sign-up.	Login, Registration using email working.
	User session login added.

Guides Review: _Backend created, login Reg page created._

Signature

Name and Signature of Team Member 1:

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Name and Signature of Team Member 4:

Name of Project guide: _Prof. Tushar Ubale_

Signature of guide with Date: _05/02/25_

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE-13   Sem: 4th Sem

Date: From 05/02/2025 to 12/02/2025

Progress Planned	Progress Achieved
Implement multi-user login Capability	Multi-user login tested with Firebase.
Add profile editing: username & profile picture	Profile editing (username, pfp) integrated.
	Real time profile update reflected in chat.

Guides Review: Multi-user login Added, profile page update.

Signature

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Name and Signature of Team Member 4: _____

Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: _____ 12/02/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE - B   Sem: 4th Sem

Date: From 12/02/2025 to 14/02/2025

Progress Planned	Progress Achieved
Build real-time chat messaging	Working encryted chat system established.
Start message encryption idegration	Real-time message sync using Firebase Firestore
	Chat tested with multiple users.

Guides Review: ___Encrypted chat messages, Testing with multiple users___

Signature

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Name and Signature of Team Member 4: _____

Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: _____ 19/02/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE-B   Sem: 4ᵗʰSem

Date: From 19/02/2025 to 26/02/2025

Progress Planned	Progress Achieved
Add block/report Functionality.	Report & block users features added.
UI updates for flagged users	UI warning for blocked users implemented.
	Database flags added for abuse tracking.

Guides Review: Report & block user features added, Block-pop-up functionality added

Signature

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Name and Signature of Team Member 4: _____

Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: _____ 26/02/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE-13

Date: From 26/02/2025 to 05/03/2025

Sem: 4th Sem

Progress Planned	Progress Achieved
Set up Firebase Firestore Structure	Firebase database organized user chat reports.
Store messages, users, & report data securely.	Data linked with auth and app logic
	Security rules implemented partially.

Guides Review: Database organized users, Authentication added.

Signature

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Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: 05/03/25

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Academic Year: 2024 - 2025

Class: SE -13

Sem: 4ᵗʰ Sem

Date: From 05/03/2025 to 12/03/2025

Progress Planned	Progress Achieved
Refine chat UI/UX	Chat UI polished, added scroll & timestamp.
Add profile avatars to chat bubbles	Profile avatars visible with chat messages
	Improved responsiveness on diff screen sizes

Guides Review: UI polished, profile avatars visible, Improved responsivenes

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Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date: _____
12/03/25

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

Class: SE-B   Sem: 4th Sem

Date: From 12/03/2025 to 02/04/2025

Progress Planned	Progress Achieved
Test all modules and fix bugs	Found & resolved Major UI/UX logic bugs
Review session & authentication logic	Session Management clean up
	Firebase clean up & optimization done.

Guides Review: _Firebase clean up._

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Name of Project guide: Prof. Tushar Ubale

Signature of guide with Date:
02/04/25

A. P. SHAH INSTITUTE OF TECHNOLOGY
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

Class: SE - 13   Sem: 4th Sem

Date: From 02/04/2025 to 08/04/2025

Progress Planned	Progress Achieved
Final revision & polishing	Final features and UI polished
Prepare Pooj report & presentation	Documented code, created user manual.
	Presentation slides prepared and Rehearsed.

Guides Review: Documented the code, presentation & Report preparation.

Signature

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Name and Signature of Team Member 4:

Name of Project guide: Prof. Tushar Ubale.

Signature of guide with Date: 08/04/25