

MAD and PWA LAB

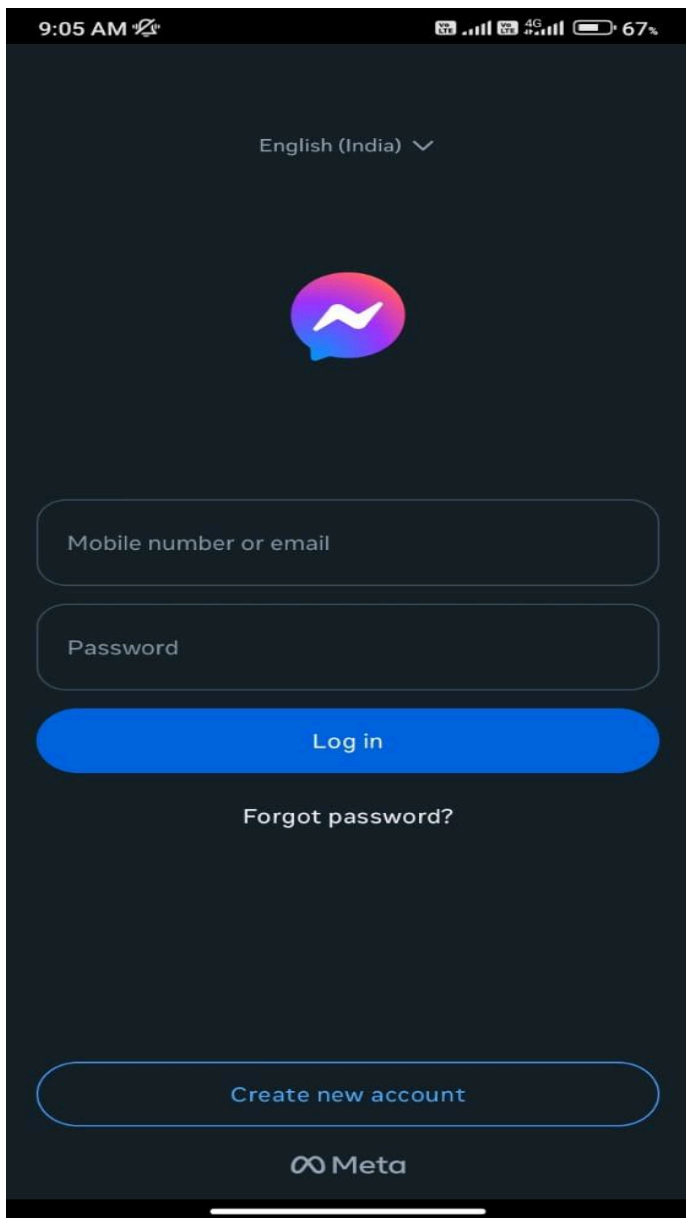
Name: Manav Punjabi

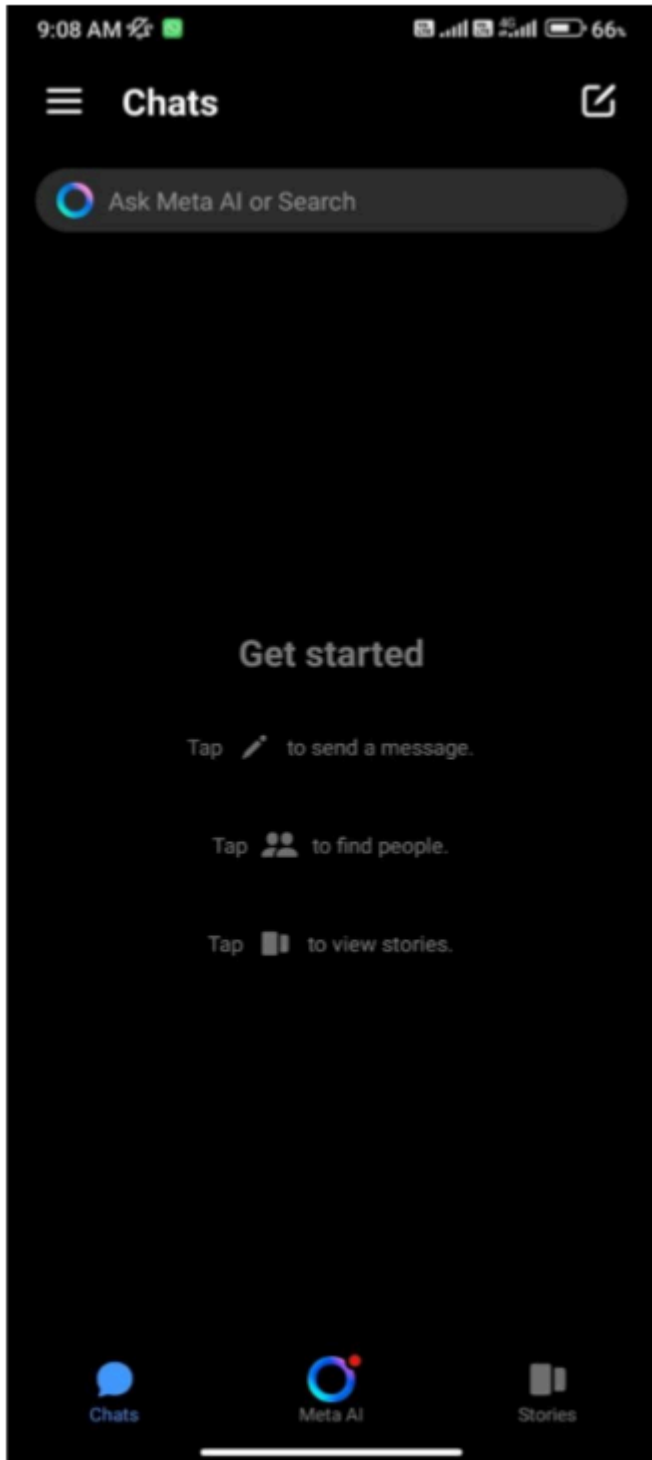
Class: D15A

Roll no: 44

AIM : Develop a Flutter app Called Messenger with the following features:

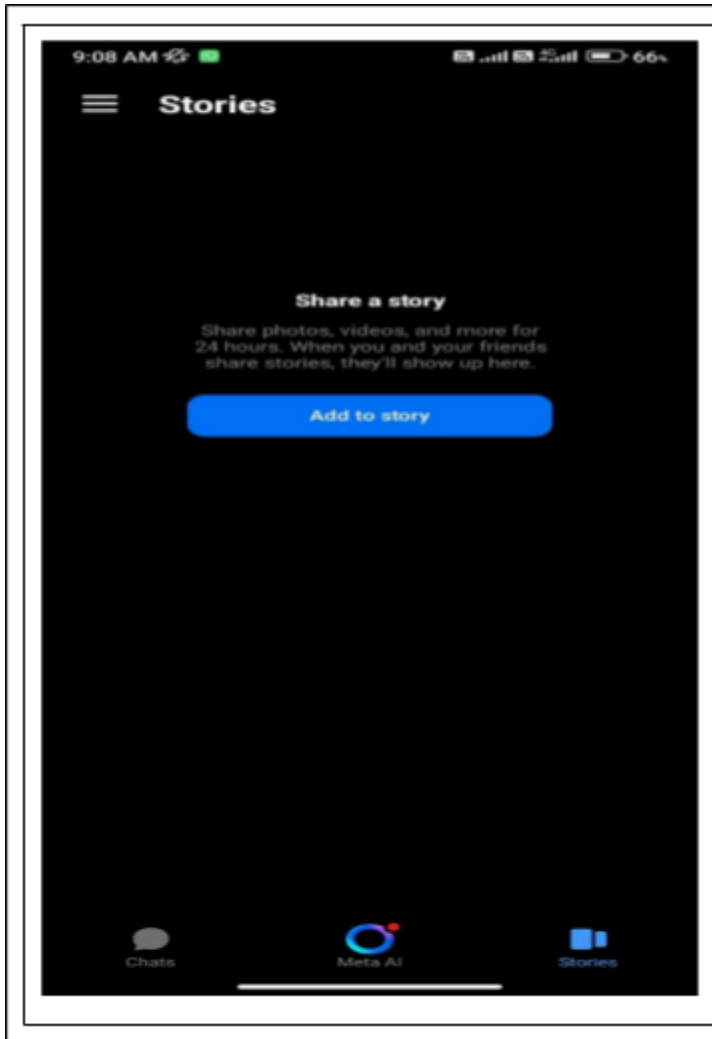
1. Common widgets
2. Icons, images, and charts integration
3. Interactive forms
4. Navigation, routing, and gestures
5. Firebase database integration

Screen Shot	Features
	<p><u>1. Landing Page (Login/Sign-in Page):</u></p> <ul style="list-style-type: none">● <u>Features:</u><ul style="list-style-type: none">○ User Authentication: Users can sign in or register using their email address.○ Firebase Authentication: Firebase will handle the sign-in process.○ Fields:<ul style="list-style-type: none">■ Mobile number or Email address■ Password○ Sign Up/Sign In Buttons: If user is new, they can register; if not, they can log in.



Chats Page :

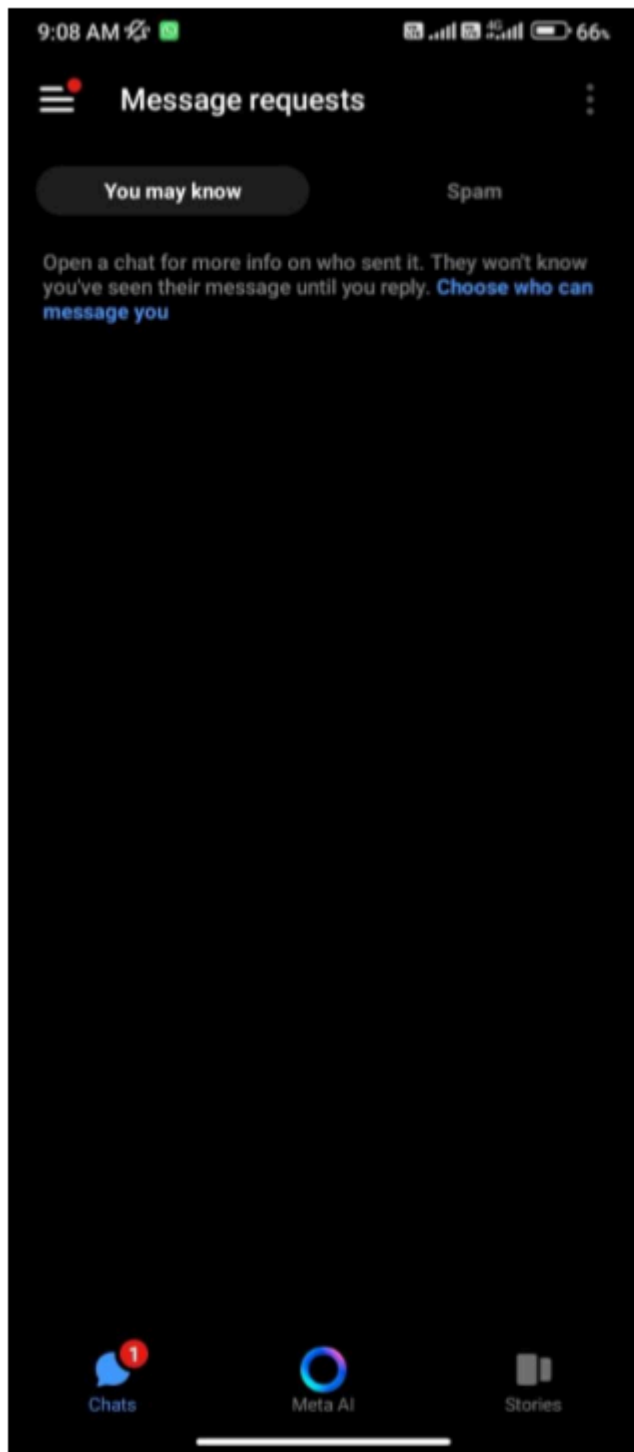
1. **Displays a list of recent conversations.**
2. **Search bar to find specific chats.**
3. **Profile pictures and names of contacts.**
4. **Option to start a new chat.**
5. **Swipe or tap to open a conversation.**



Stories Page :

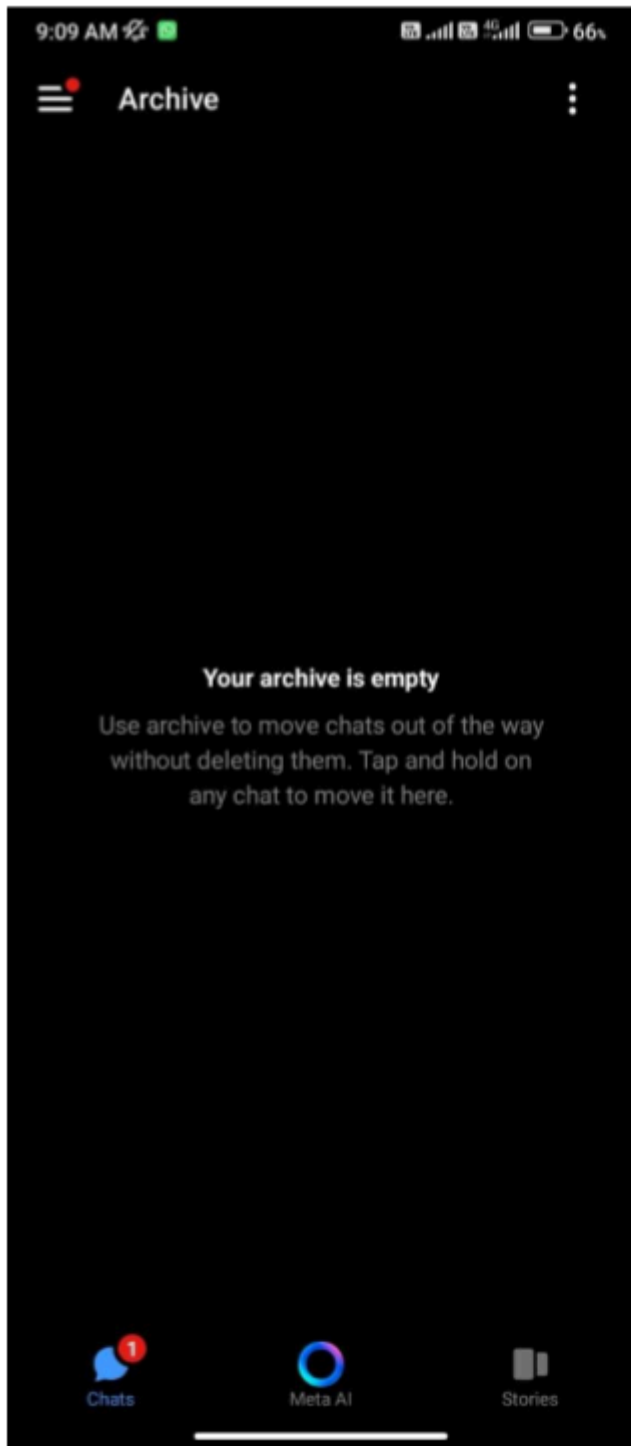
Features:

- Displays stories from friends and followed accounts.
- Circular story previews with profile pictures.
- Auto-play next story with a progress bar.
- Option to pause, skip, or go back.
- Swipe up to reply or react to a story.
- Button to add a new story.



Message Requests Page:

1. Displays messages from people not in the friend list.
2. Separate sections for general and spam requests.
3. Profile picture and name of the sender.
4. Option to accept, delete, or ignore a request.



Archived Chats Page :

- 1. Displays chats that have been archived.**
- 2. Search bar to find specific archived conversations.**
- 3. Option to unarchive chats and move them back to inbox.**
- 4. Tap to open and reply within archived chats.**

New Features to be added :

Gemini ai : Ai powered smart replies.

Secret chat room : hidden and secure chats.