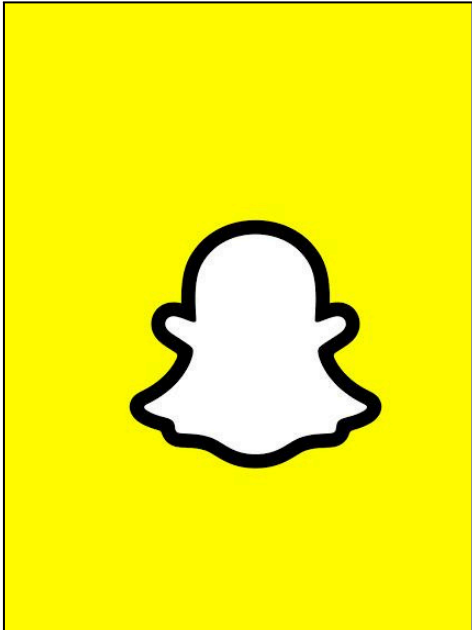# MAD and PWA LAB

Name: Diksha Utekar   **Class: D15A-63**

Aim: Selecting features for application development, the features should comprise of:

1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

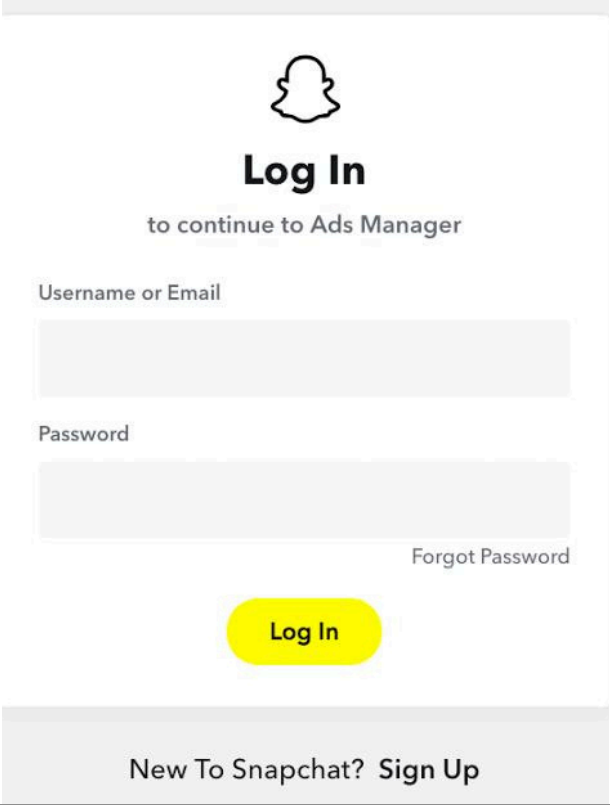| Screen Shot	Features
	Landing Page : ● Displays the SNAPCHAT icon prominently in the center. ● Minimalistic design to guide users to the main app features **Flutter Components:** ● AppBar: For the snapchat icon at the center ● Column & Center: To align the icon ● Image.asset : To display snapchat logo

Home Page :

- contains a discovery page
- Shows the latest stories and interested content.

- Highlights recommendations for you.

Flutter Components:

- ListView or GridView for displaying stories and discoveries

- Card widget for each content.

Screen Shot	Features
	Login Page: - User inputs email and password - Sign in - If new user go to sign up page **Flutter Components:** - TextFormField for email and password inputs - ElevatedButton for sign-in - Navigator.push for routing to the sign-up page

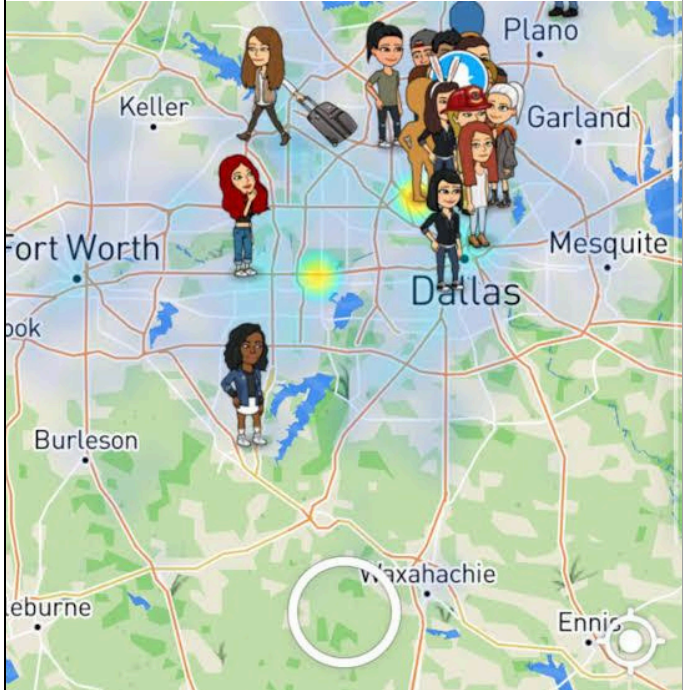| Screen Shot	Features
	Chat Page: ● Shows detailed information about the chats ● Includes profile images and name ● Displays snaps sent, snap received information **Flutter Components:** ● Column and Row widgets for layout ● Image widget for photos ● Text widgets for descriptions, names, and options

Camera Page:

- Shows camera

- Lets you manage camera setting according to your concern

- shows pending friend requests

Flutter Components:

- camera (for camera functionality)

- image_picker (for gallery access)

- Custom UI with overlays for Snapchat-like effects.

Screen Shot	Features
	Location Page: ● Shows the real time location of friends ● shows the profile of each friends **Flutter Components:** ● google_maps_flutter (for map display) ● geolocator (for live location tracking) ● Custom UI for friend locations and interactive map elements.