

MAD and PWA Lab

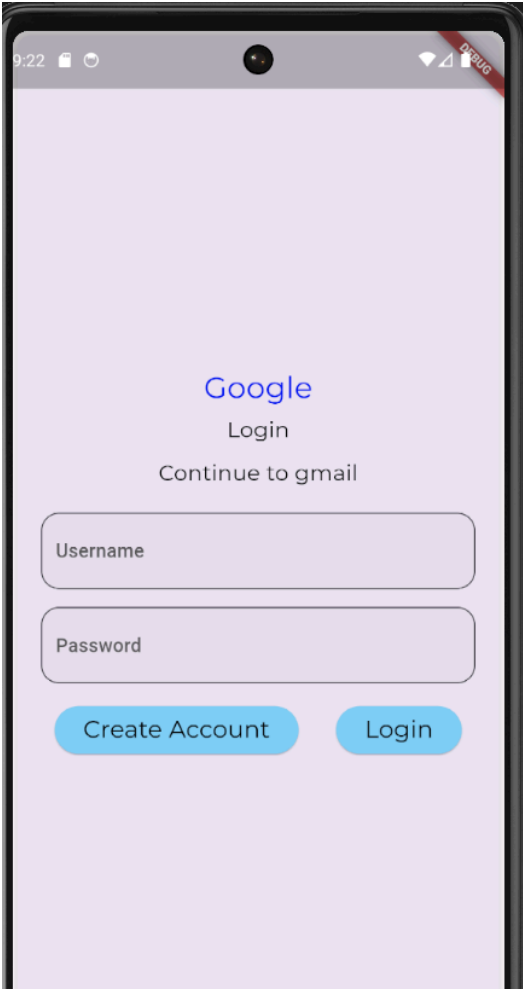
Name: ABHINAYA DANDA

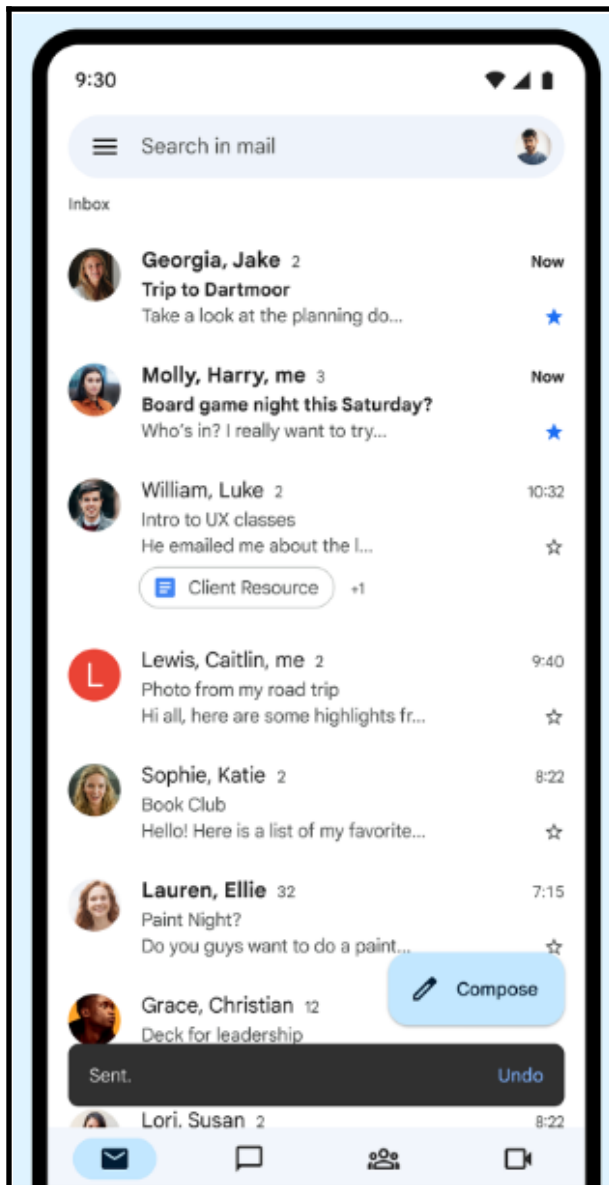
Class: D15A

Roll no:12

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

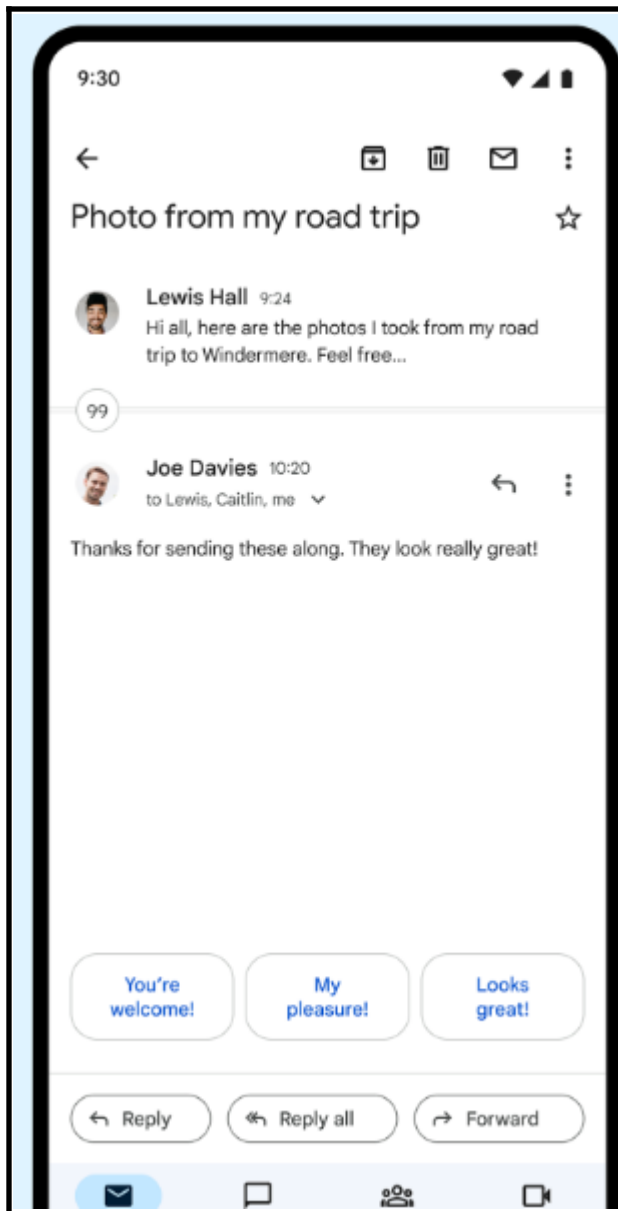
1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

Screen-shot	Features
	<p>Login/Sign Up page</p> <ul style="list-style-type: none">• Login page: Login Using username,password• Authentication: Firebase authentication• Create Account for new users



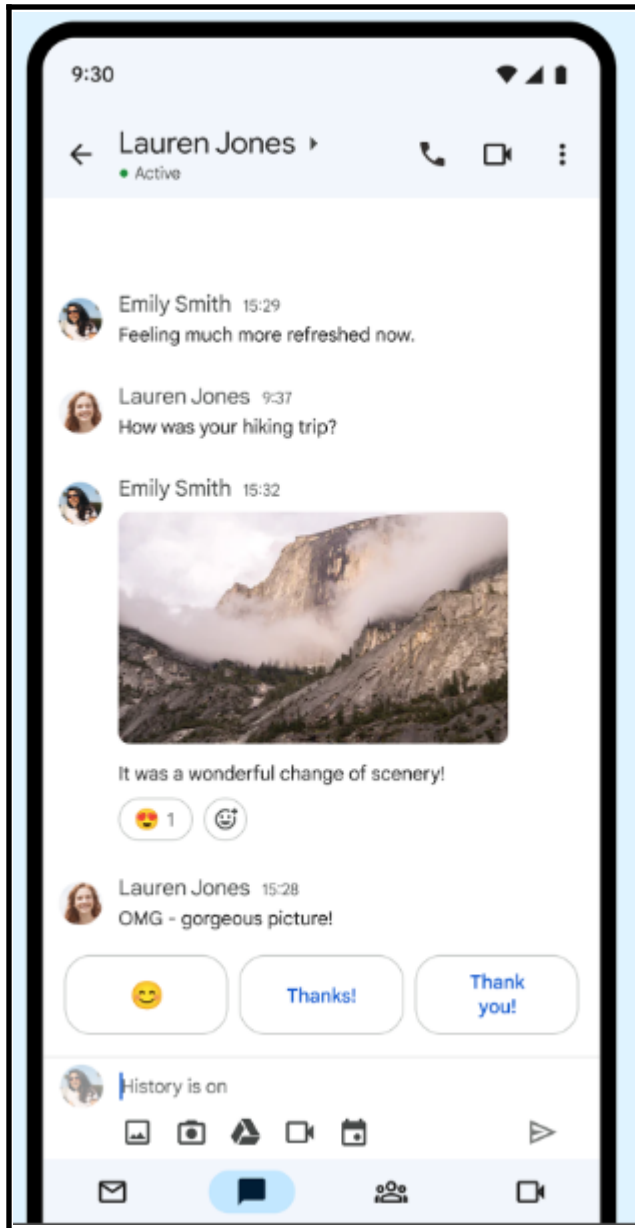
Features:

- View all mails received to a user
- View the mail from inbox
- Search particular mail using keyword search
- Star important mails



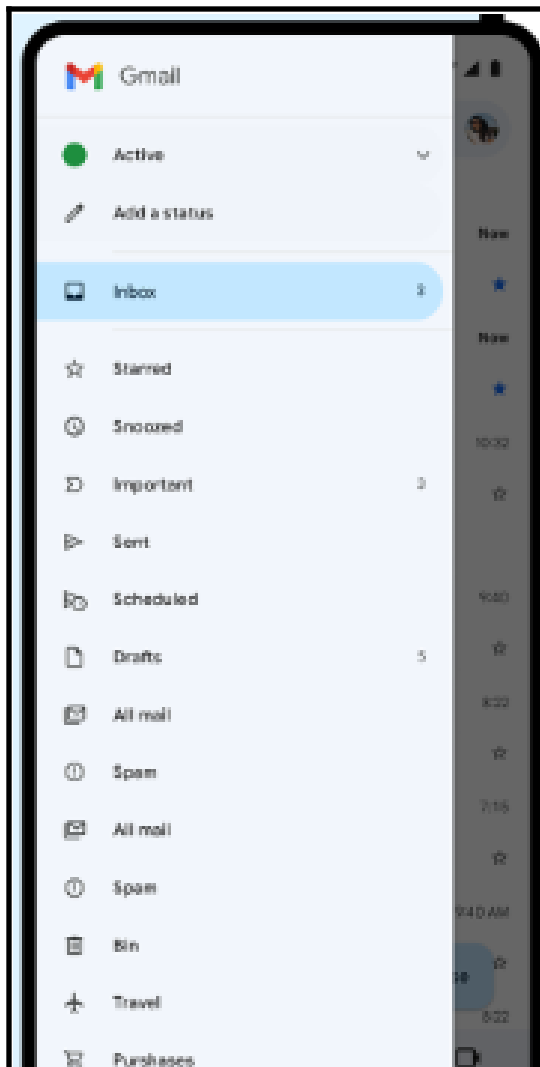
Features:

- User can write mail i.e compose mail
- Send icon, text field for mailing
- Receive mail



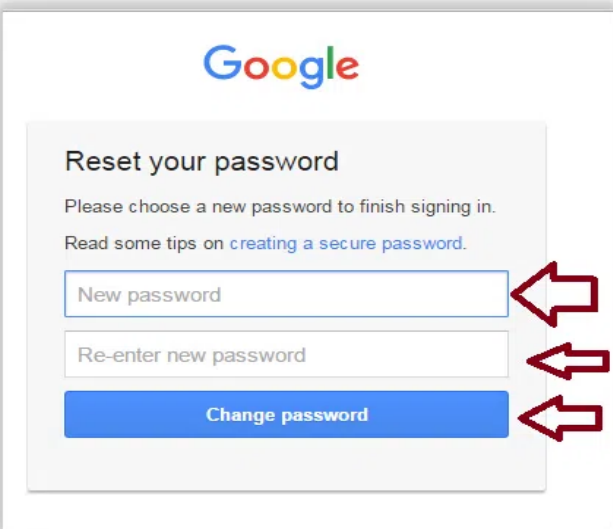
Features:

- Write mail with images included
- Firestore (Storage Bucket for storing and retrieving images)



Sidebar:

- **Navigation to different pages**
- **Including icons for each page mentioned in sidebar**

 <p>The image shows a Google password reset form. At the top is the Google logo. Below it, the heading "Reset your password" is followed by the text "Please choose a new password to finish signing in." and a link "Read some tips on creating a secure password." There are two input fields: "New password" and "Re-enter new password". Below these is a blue button labeled "Change password". Three red arrows point to the right, one for each of the two input fields and the "Change password" button.</p>	<p>Profile Page :</p> <ul style="list-style-type: none">• Can view user's profile• Can change password,and reset it
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Firestore Database:

User Authentication(FirebaseAuth):

- Username
- Password (hashed)

Emails(Firebase Real-time Database):

- Sender's ID
- Receiver's ID
- Subject
- Body
- Timestamp
- Attachment

Firestore:

- Storing Profile image
- Storing Attachments