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Social

Description

Create a portfolio for your self to keep track of all the important photos. Other users can check out your page if needed.

Intended User

App is intended for travelers, artists, models anyone who want to have a portfolio to show to the world.

Features

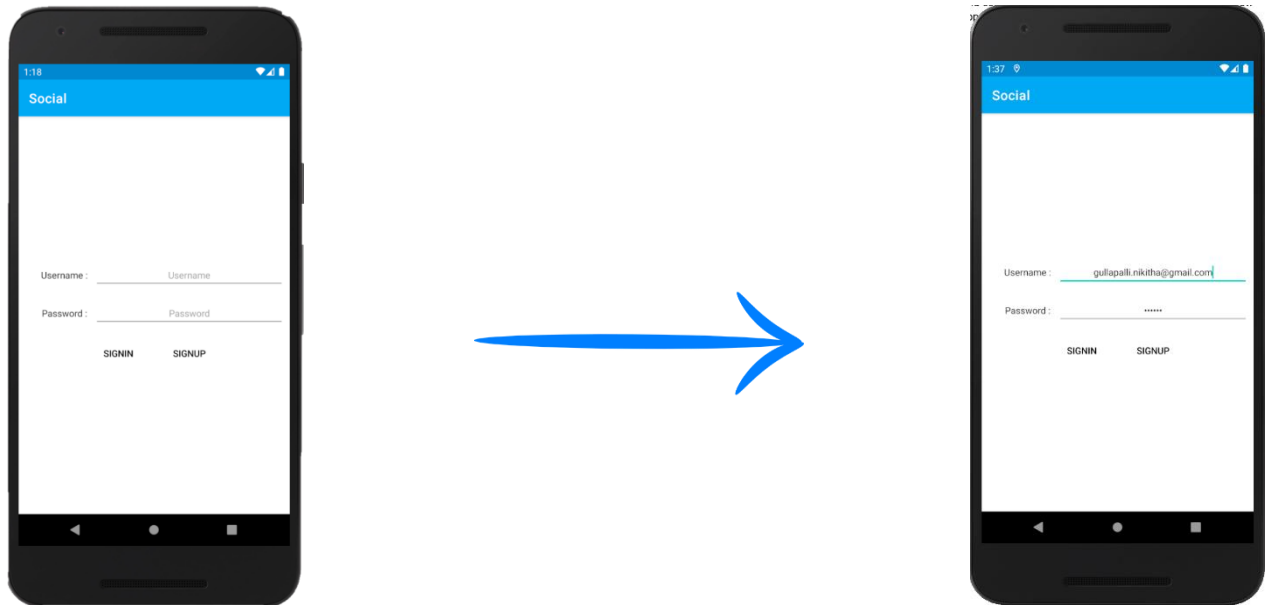
List of main features of your app.

- Creates a profile for each user using Firebase Auth
- Validates user authentication by sending email with URL
- Saves information to Firebase firestore
- Allows user to search for other users by username and tell if they are available

User Interface Mocks

Screen 1

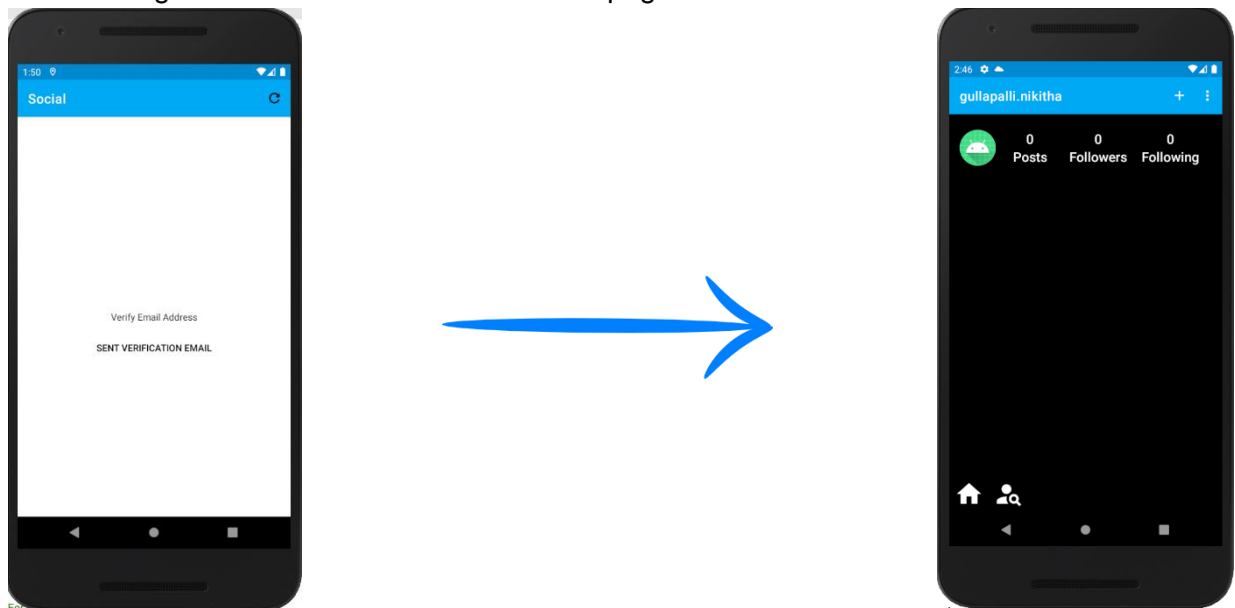
User will have to sign up to authenticate her account. If account already created user can sign in.



Screen 2

Once User signs up a verification email is sent to email id. User will then have to click on link to authenticate the email address. After the process is completed the account document will be created and account will be uploaded to the firebase cloud firestore DB.

After validating the account user can refresh the page to move to home screen

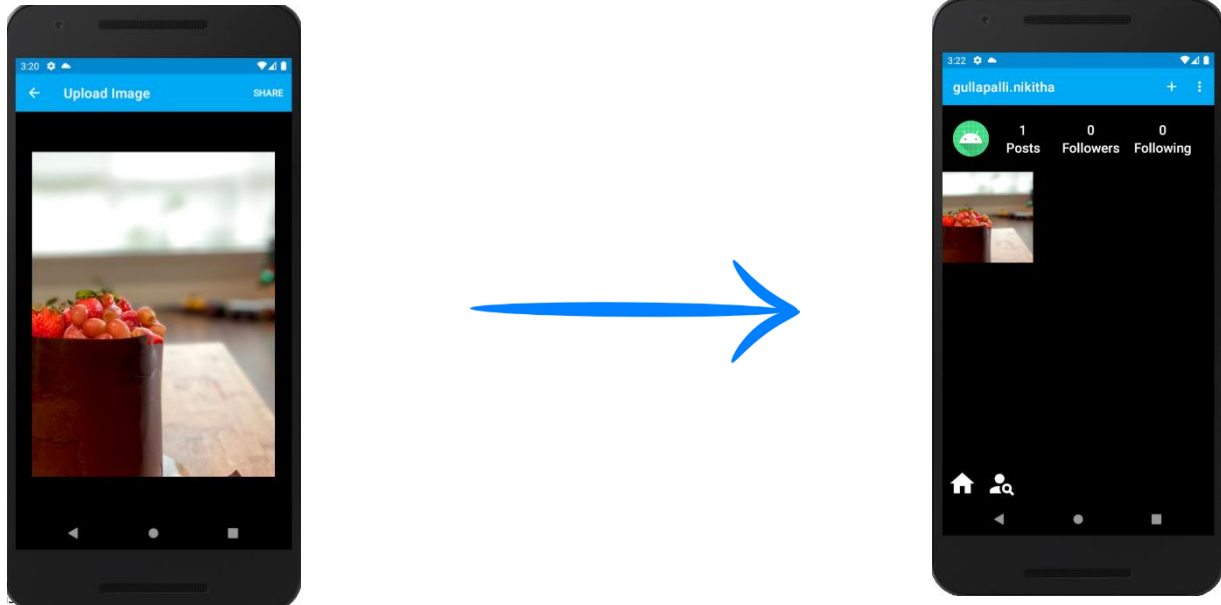


Once the user is on the home screen. She can do number of activities.

1. Add new photos to the profile.
2. Change display photo
3. Search for an already existing profile
4. Sign out

Screen 3: Add new photos to the profile.

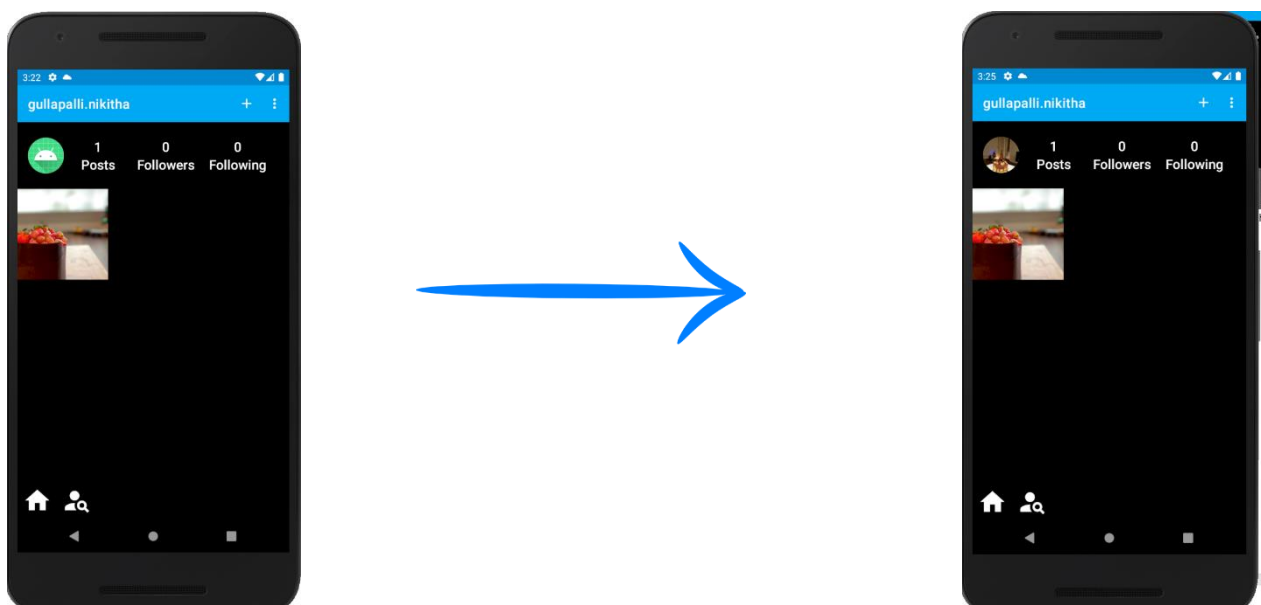
Click on “+” icon in the home screen. User will then be navigated to phone gallery and user can select a photo. Then user will be asked to confirm the image and click share. Then image will be added to users profile.



This is achieved using firebase Firestore database and firebase storage. This enables the user to view their profile even when they are offline.

Screen 4: Change display photo

Click on profile image to select image from gallery. On selecting a profile photo DB will get updated and new image is displayed as shown.



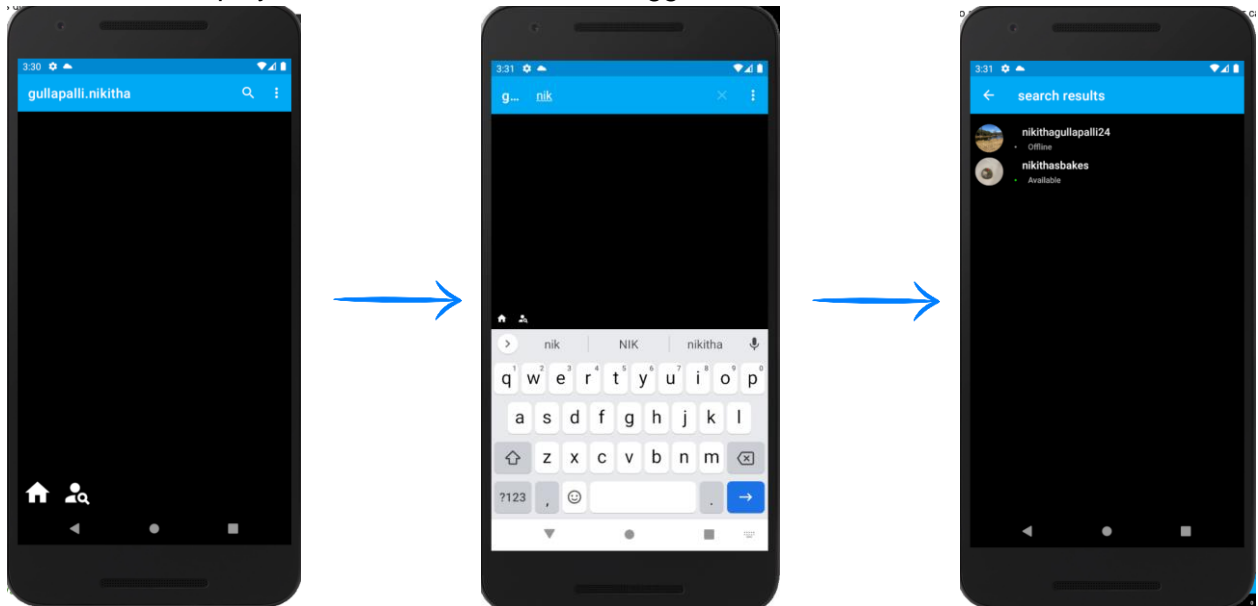
Screen 5: Search for an already existing profile

Go to search tab in the bottom and click on the search icon on top of the screen.

Enter the username of the user you want and click enter.

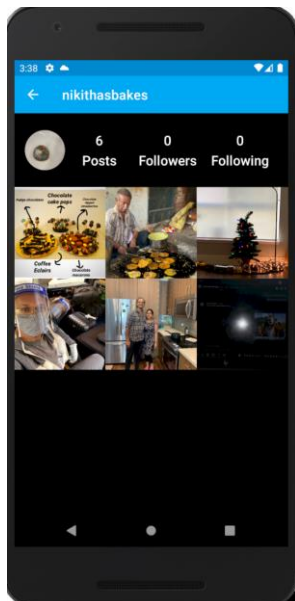
List of users matching the search will be displayed. You can click on any user you want to view.

Note: user is displayed as available if he/she is logged in the account, else unavailable.

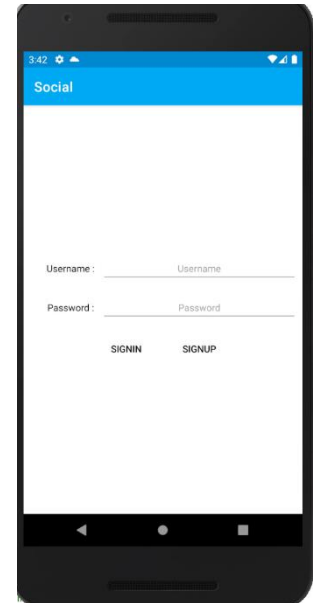
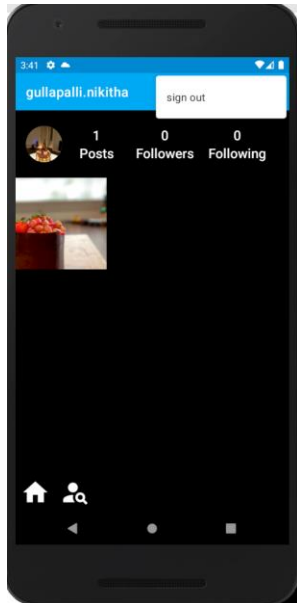


Screen 6: Searched profile screen

Once the user searches for a profile and clicks on it, their profile will be displayed.



Screen 7: Sign out



Key Considerations

How will your app handle data persistence?

Describe any edge or corner cases in the UX.

Describe any libraries you will be using and share your reasoning for including them.

Describe how you will implement Google Play Services or other external services.

Next Steps: Required Tasks

Next tasks to finish the app are as follows.

1. Create the login screen
2. Connect it to firebase auth and allow it to create profiles.
3. Change rules so that only user logged in can change his/her data and other users can only read them
4. Validation screen and validate functionality so that user gets an email with URL.
5. Home screen to display posts, display photo, add posts. It should read all this data from firebase DB.
6. Search functionality to search for users and allow user to go to their page.
7. App testing to see that the app is working as expected and DB is updating as expected.

Task 1: Project Setup

- Configure libraries
- Firebase setup

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity – SignInOrSignupFragment and ValidateFragment
- Build UI for HomeActivity- HomeFragment
- Build UI for SearchableActivity
- Build UI for SearchedActivity

Task 3: MainActivity

- Build UI for MainActivity – SignInOrSignupFragment and ValidateFragment
Make this functional and work as described.

Task 4: HomeActivity

- Build UI for HomeActivity- HomeFragment
Make this functional and work as described.

Task 5: SearchableActivity

- Build UI for SearchableActivity
Make this functional and work as described.

Task 6: SearchedActivity

- Build UI for SearchedActivity
Make this functional and work as described.

Task 7: Testing

- Test overall working of app.

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
 - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

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- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"