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My Social

Description

My Social is an Android App with the elements to create a Big Social App. People can join it with a simple Facebook Account and start to sharing content.

Intended User

This app is for everyone with +13yrs who wants share content.

Features

- Login with Facebook
- Publish content

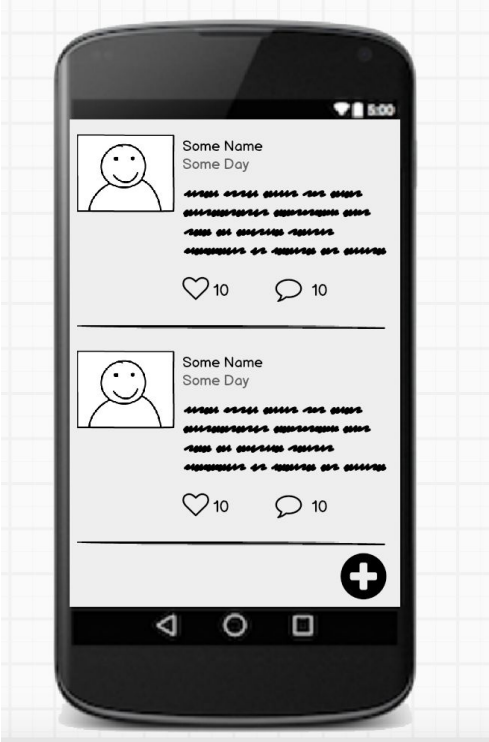
- Likes
- Comments
- API Services in Firebase

User Interface Mocks

Screen 1. Login

Login with Facebook to prevent spam with fake accounts.

Screen 2. Post Timeline

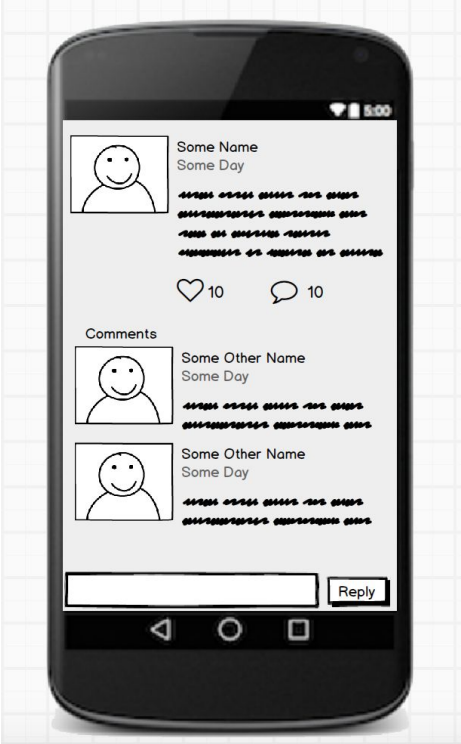


The Post Timeline needs to show the most recent post with the author picture, name, date, post content, likes count and replies count.

The users can see the content detail of each post with clicking on it.

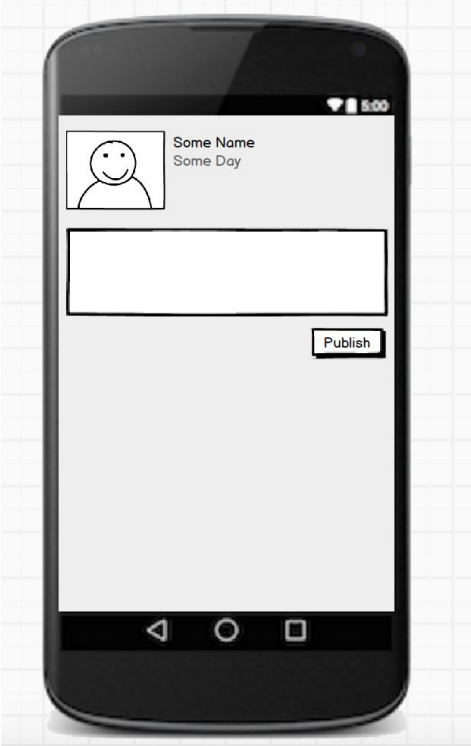
The users can publish their own content with the fab button.

Screen 3. Post Detail



In this screen the users can see the comments, rate the post with like button and leave his own comment.

Screen 4. Publish Content



The user can publish any text content.

Key Considerations

How will your app handle data persistence?

The app needs to have a connection with a Real Time Database, this Database has to be hosted in Firebase.

Is requirement to build the Database with this nodes: Users, Comments and Posts.

Describe any corner cases in the UX.

Opening the app for first time, the **Login Screen** is visible, the user has to login with a Facebook Account. If the login is successful, shows the user the **Post Timeline Screen**, in this screen the user can scroll over all the post, if the user wants to interact with someone, he can click on them to access at detail screen, now in **Post Detail Screen**, he can see the comments, publish his own comment and rate the post with Like. If the user hit the back button, he return to Post Timeline Screen, finally at the bottom of this screen, he can see the fab-button for access to **Publish Content Screen** to publish some Post.

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

Picaso or Glide to handle the loading and caching of images
Firebase Client to handle the Firebase Database
Appcompat to support all features in Activities
Cardview, Design and Recyclerview to show the Posts

Describe how you will implement Google Play Services.

Firebase Storage to Database Access

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Configure Firebase Database
- Configure Facebook App

Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for MainActivity and Fragment
- Build UI for DetailActivity
- Build UI for PublishActivity

Task 3: Implement Access Login with Facebook

- Handle success login
- Handle error login

Task 4: Show the Published Posts in MainActivity

- Create layout Post with cardview
- Show the posts in Recyclerview

Task 5: DetailActivity interactive

- Rate the post with like
- Show replies post's and accept new reply

Task 6: PublishActivity to publish content

- The user can publish content and see it in MainActivity