Capstone_Stage1

GitHub Username: mohamedmabrouk582

Let's Chat

Description

This a simple real time text chat have friends to send them requests
And begin text to them send notification for friend request

Intended User

This app for any one need to know new friends and begin
Chat them

Features

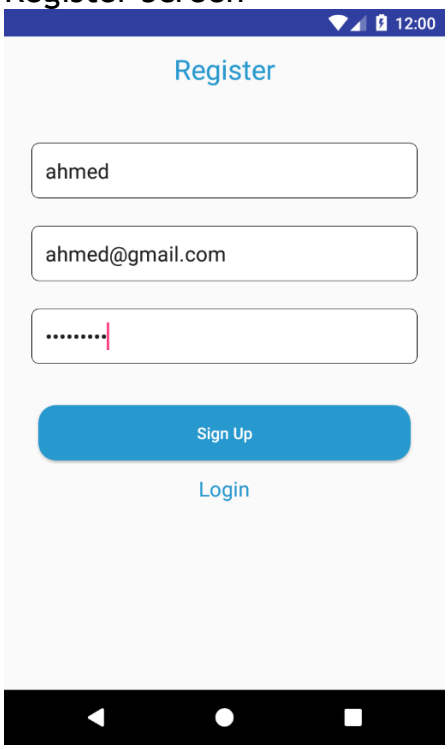
List the main features of your app. For example:

- Register by (username , email , password)
- Change ownPhoto and status
- List of friends
- List of requests
- List of all users register at app for send requests
- Show user info
- Chat to any friends

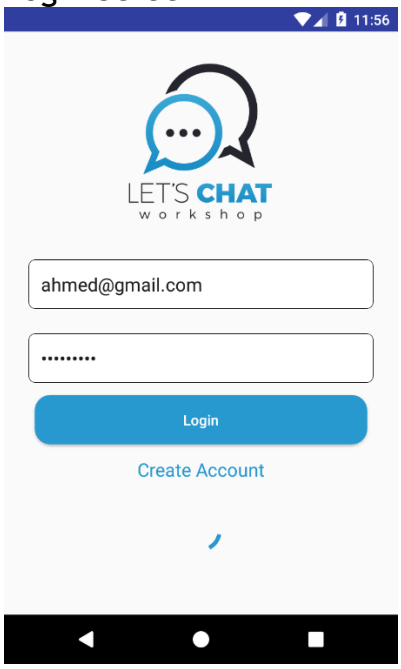
User Interface Mocks

Splash Screen

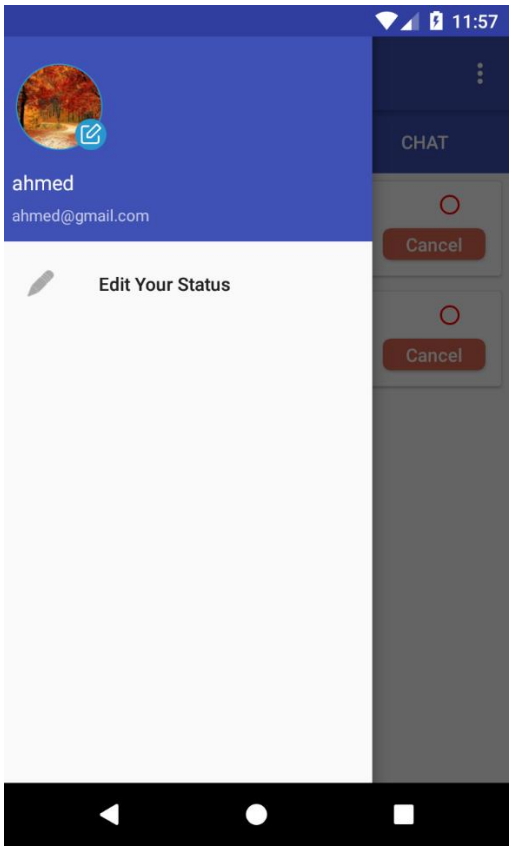
Register Screen

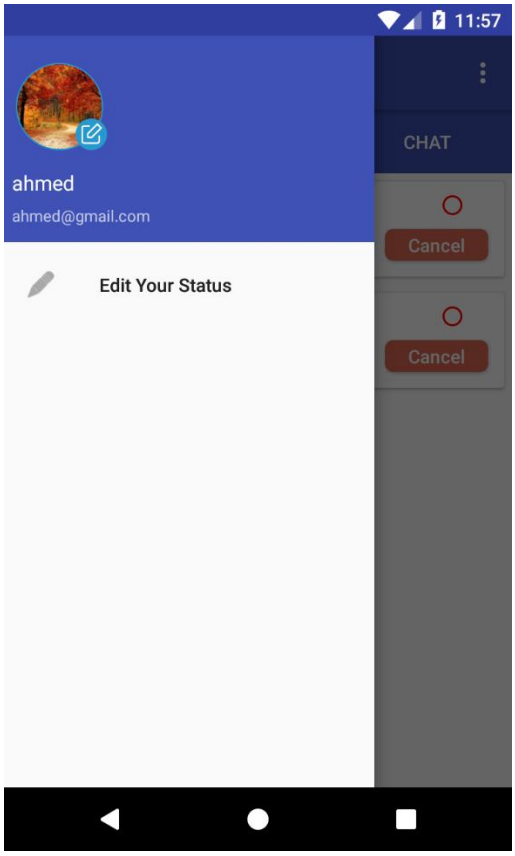


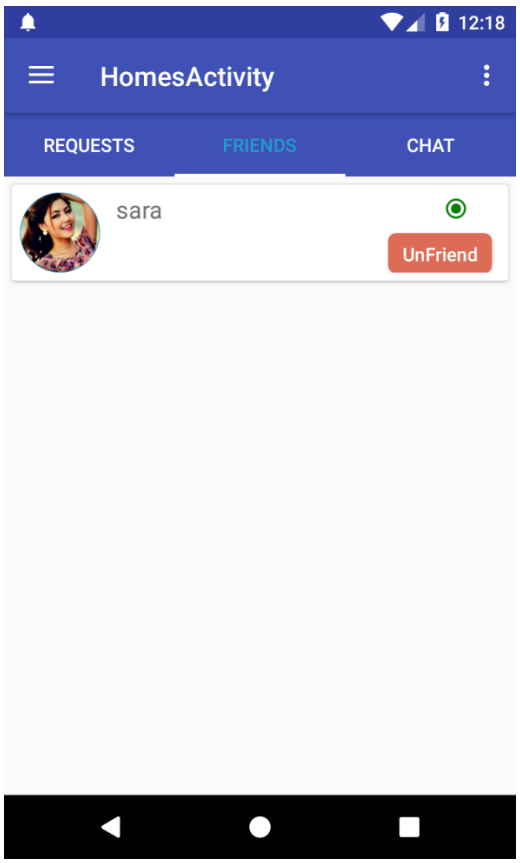
Login Screen

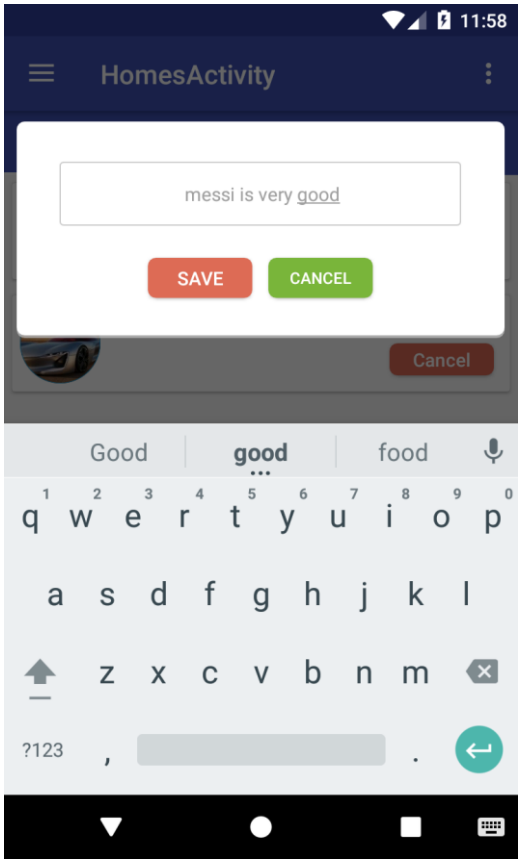


Home Screen

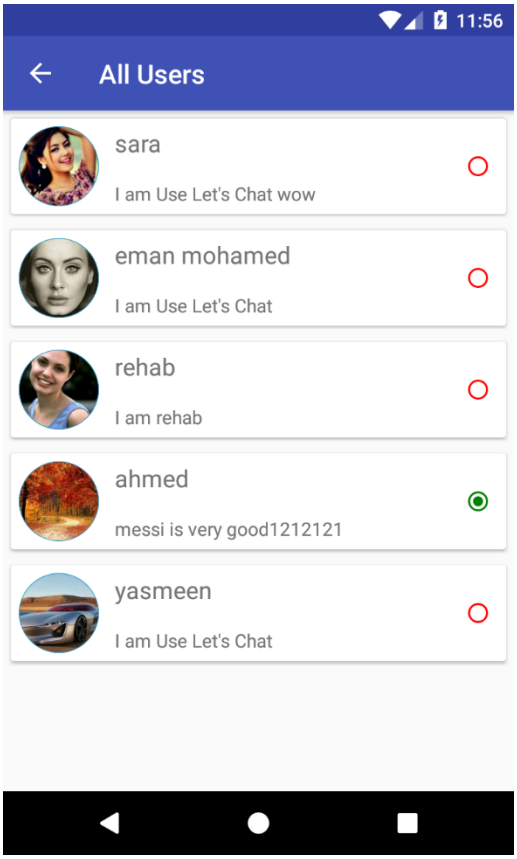




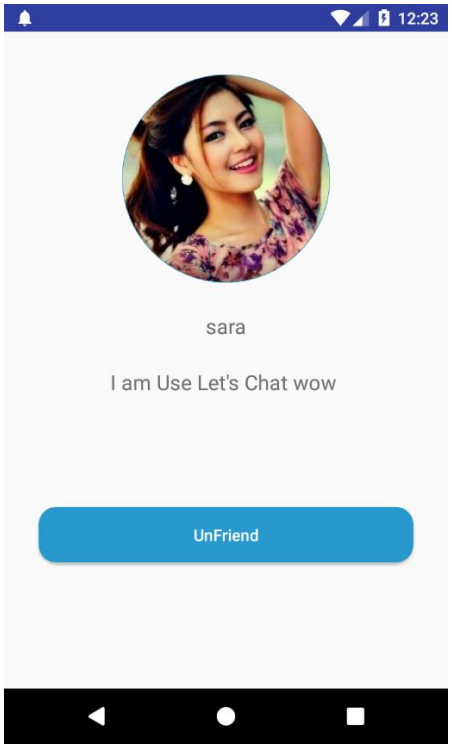




All Users Screen



User Info Screen



Key Considerations

How will your app handle data persistence?

use Firebase Realtime Database

Describe any edge or corner cases in the UX.

Use animation when status edit text is empty and show snak bar ,
And animation when click at user image at navbar header or at user info Activity

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

Glide to handle the loading and caching of images , one signal to send notification , cricleImageView to handle circle shape image , rx android and compressor to compression img , cropper to crop image , sdp to make app responsive .

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

I integreate it at gridle and use at for connect to firebase and use fcm with one signal to send notifications

Next Steps: Required Tasks

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

Task 1: Project Setup

- Configure libraries
- Sign in at firebase
- Create project at firebase
- Sign in at one signal
- Create app at one signal

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for Splash Fragment
- Build UI for Container Activity
- Build UI for Home Activity
- Build UI for Requests , Friends Fragments
- Build UI for chat Activity
- Build UI for All Users Fragment
- Build UI for Requests Item , Friends Item Views
- Build UI for User info
- Build UI for change user status Fragment

Task 3: Your Next Task

DO register activity , login and splash

Describe the next task. List the subtasks. For example:

- Create layouts
- Connect to Firebase and it to dependances
- Save user data (and device token)at realtime database and at sherdPrefrances
- Create Account at firebaseauth by email and password
- Load splash activity untail chank if user is login before or not if login load user data from sherd pref and lead us to home activity else got to login activity

Task 4: Your Next Task

Do Home activity for show user info at navbar can edit , friends fragment show all friends and all requests that user send or received
List the subtasks. For example:

- Create layout
- Get user data from login activity or splash and show it
- Get all friends from friends node for this user from firebase
- Get all requests from requests node for this user from firebase
- At friends fragment can unfriend this person or chat him when click at all view
- At requests fragment can accept request or canel when received it or canel if I send it or go to see this user info when click at view
- Can edit my photo and my status or logout or go to all users activity

Task 5: Your Next Task

Do all users activity to show all users at app and sent friend request to them , show user info activity , chat activity for chat and `NotificationExtenderExample` for received notifaction and see what is type and which user open screen now then show notify or not based or running screen

. List the subtasks. For example:

- Create layout
- Get all users from users node at firebase and show it at recycler view using firebase recycler Adapter
- When click at any item at recycler view show user info and cansend request cancel confirm if click to my it I will invisable to send request
- When received notification I see what it type and I will see what is current running process and deceit if I will show notify or not if notification type 1 (friend request) and I am now at request fragment I will not show notify