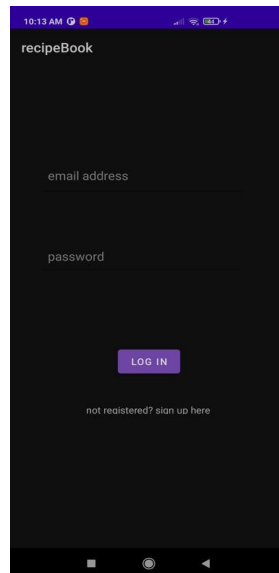


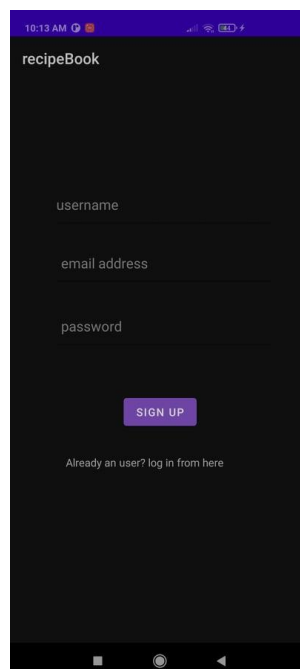
# RECIPE APP BY GAZI ABU RAFIN (18301032) CSE491

## 1) LOG IN ACTIVITY



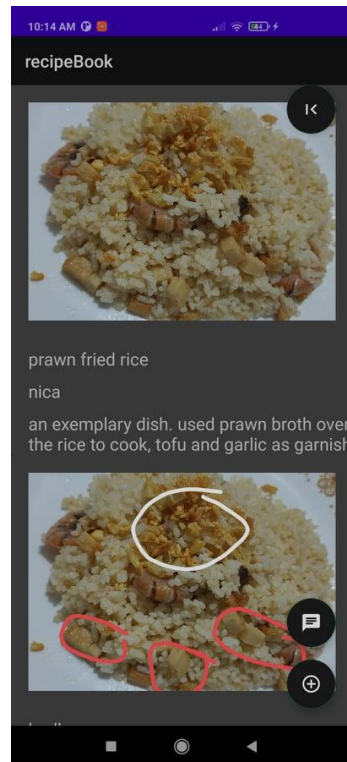
At the start of the app, the launcher will take it to the login activity. Here if an user is already logged in which is fetched by firebase auth user then it will automatically be directed to homepage activity, otherwise one needs to login using their registered email address and password.

## 2) SIGN UP ACTIVITY (saved as mainactivity)



It takes username, email and password and saves it as a new user with uid in firebase auth in the users database. It uses an edit text field and filling all fields is mandatory also putting on proper mail and proper 8 or up digit password. The sign up button directs it to HomeActivity upon completion. There's also a text field that is linked to the login activity in case the user has an account.

### 3) HomeActivity



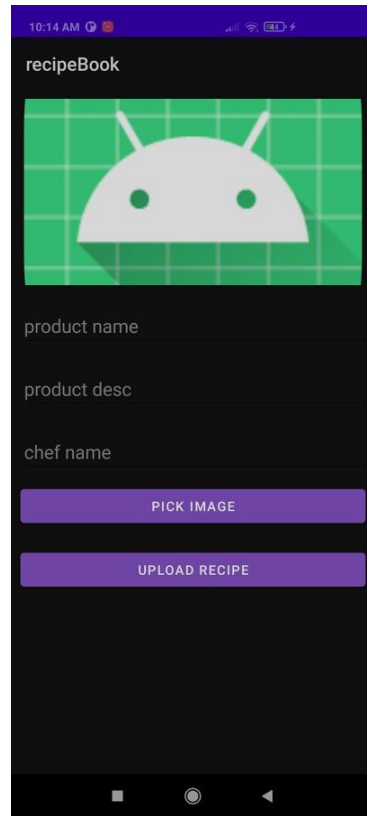
This activity shows the recipe in card views using recycler view. The datas are fetched from the firebase recipe database and put into an array and then using an adapter is shown through the recycler view. It is arranged according to recipe name, chef and details. There are additionally three floating buttons there- logout, discussion(chat-common room) and upload. Simple intent change to new activities.

Logout- takes the user out of homeactivity to login class.

Discussion/chat- it takes u to chat activity

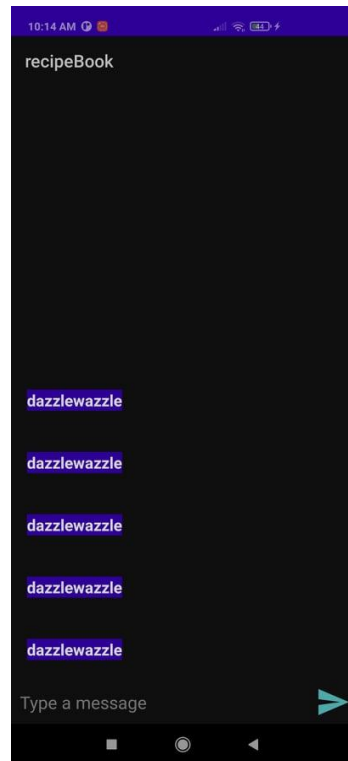
Upload- it takes to post activity where user can upload recipe

#### 4) Post Activity



It takes the name of the recipe, its description and chef name and uploads pictures using a pick image button that uses an intent for result function, reflecting to “/image” by fetching from external storage. Proper user permission is taken for it. Upon tapping the upload recipe the image is first saved to the database, followed by the recipe information. And a toast is shown after the progress checker. Image saved in storage and recipe details at real time database.

## 5) Chat/Discussion panel



It's a global discussion channel where anyone can chat and their username and text will be shown. Again an edit text field with send message function is used and a recycler view to show. It is currently bugged as there is a problem at fetching data from realtime firebase, nothing showed up in logcat.