

Assignment for CSE225 CA.

Name: Mohammad Talib Daryabi

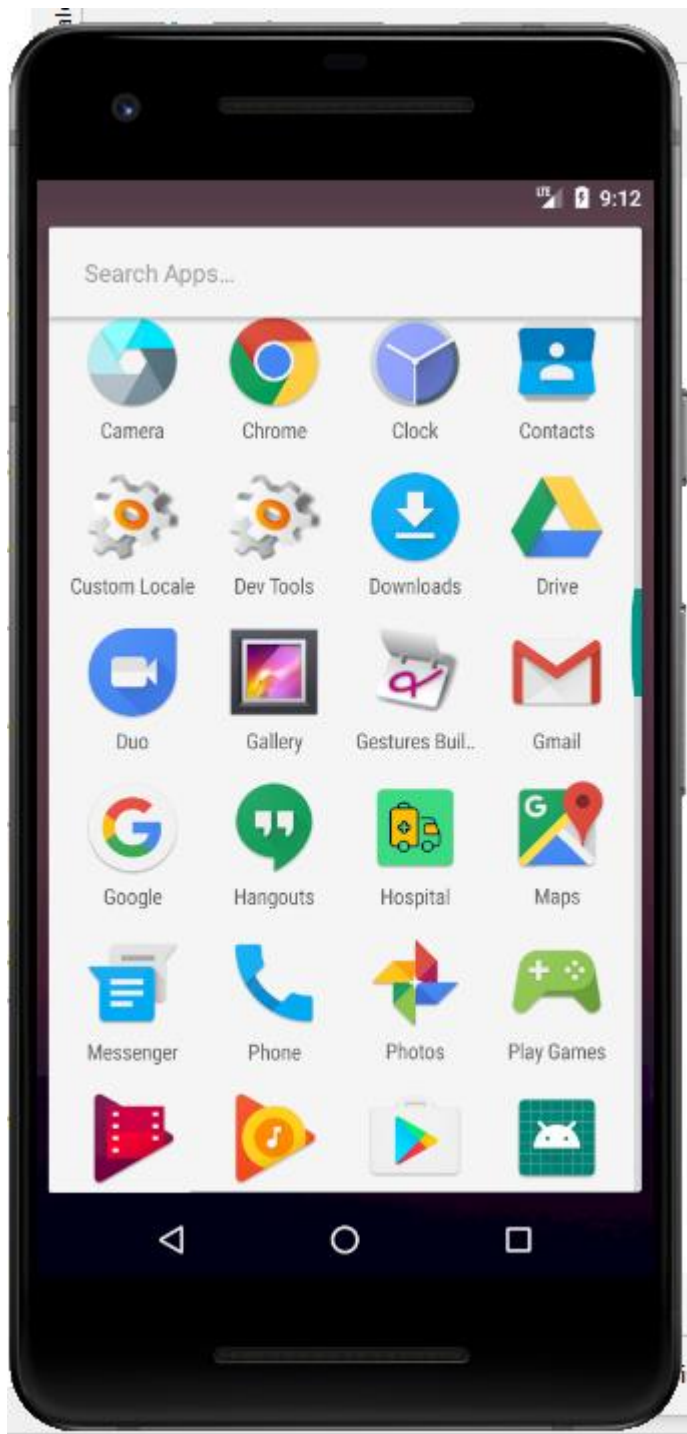
Roll No: 26

Section: K1YRG

Project: Hospital Management/ using internal external storage. It uses (shared Preferences / room database / files)

Project Details:

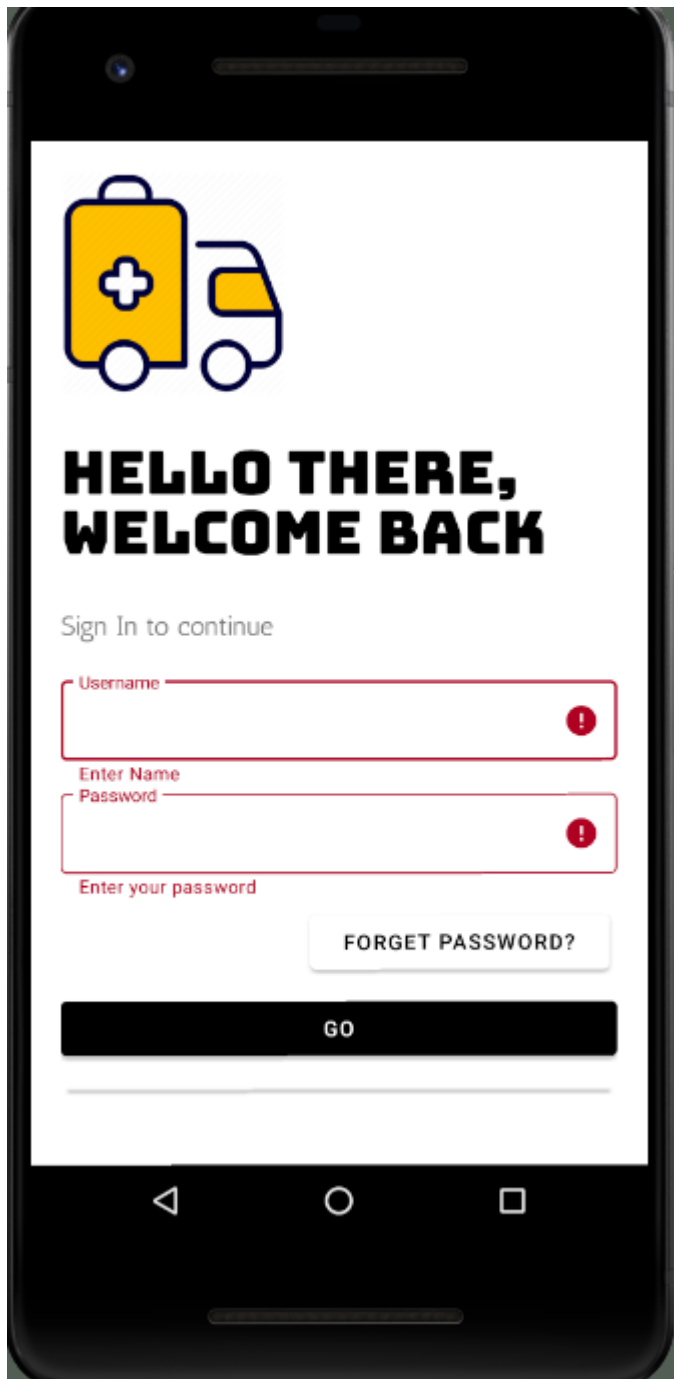
- It uses Room Data Base for storing and retrieving data.
- It uses shared preferences for storing user profile data including user name and password.
- It uses map to explore nearby hospitals.
- It uses animations for loading an activity and going to other activities.
- All forms are using validation techniques using regex libraries.
- It uses third party (GitHub library) for slider and other relevant library for maps and...
- It is using splash screen.
- User can book appointment a doctor from many available hospitals present in different areas. Each hospital has its unique departments and each department has its different doctor. The department belongs to one hospital loads to the spinner once the hospital has selected and the doctors belongs to that department loads when its department loads.
- This project uses all core java topics including inheritance, classes, encapsulation, exception handlings, collections, and modules.
- User can edit the appointment.
- User can delete the appointment by swiping it.
- User can view its appointment summary.
- User can get connected to the internet to find out topics related to medical science (not implemented yet , but 60 % work done)
- Alarm manager will be set once the appointment has approved (will add to it soon).
- It stores the data in the internal storage using files.
- It has a good and well-designed icon.



Hospital application with its good icon



Splash screen. Its duration is 5 sec

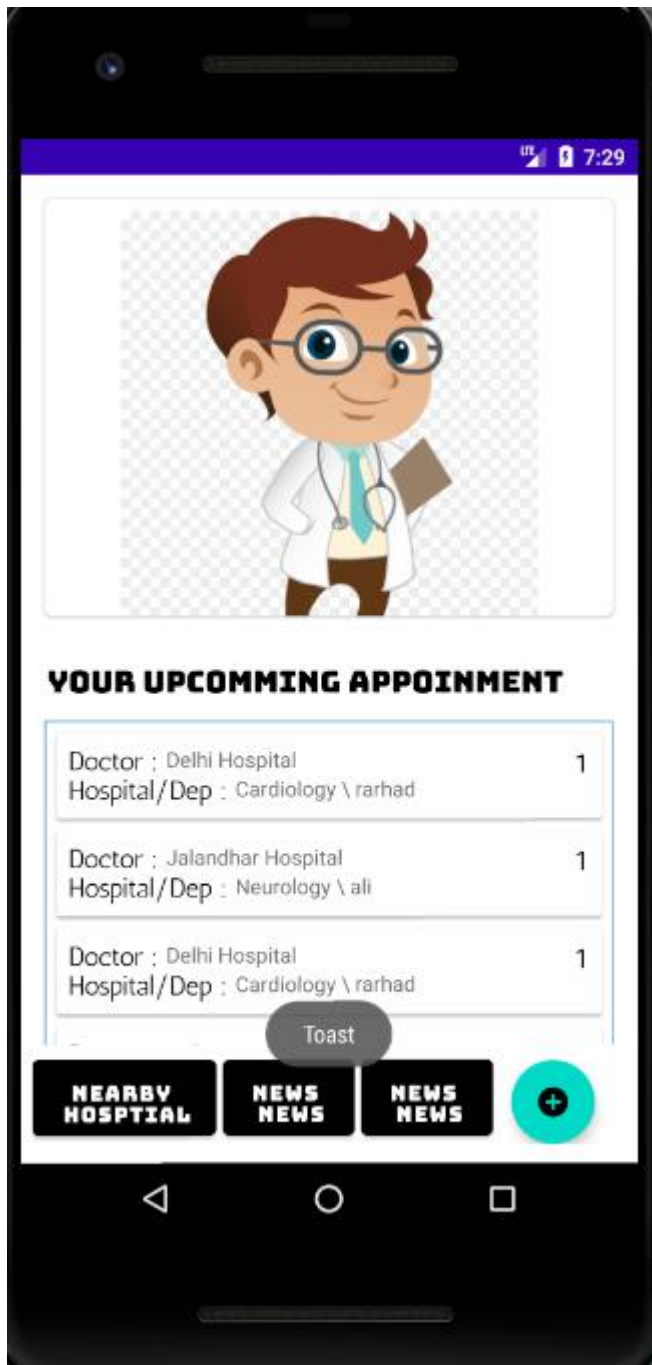


Login screen. All inputs fields needs validated information.

If user is not registered, it says to sign up.

If user enters wrong data, it says to write correct input.

If user enters correct data. User will go to dashboard page.

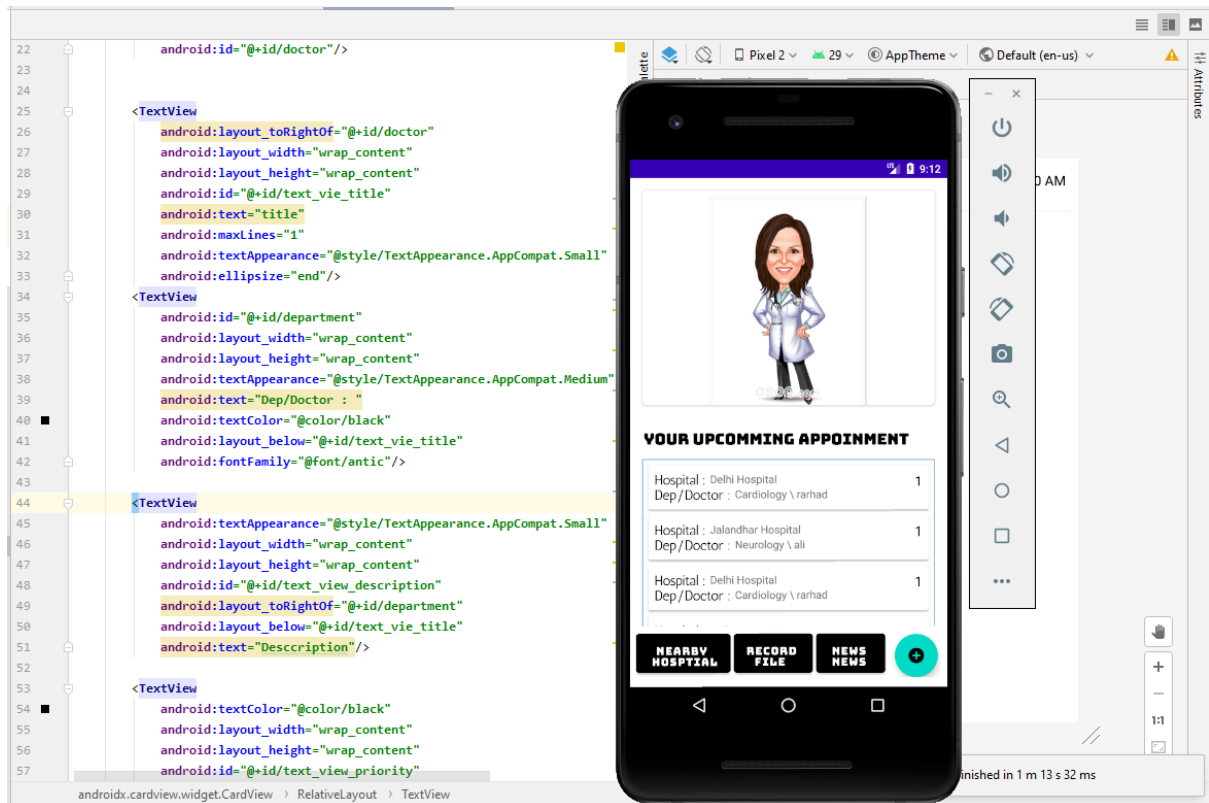


Slider shows different pics.

Recycler view shows all appointment, which has been appointment by patient.

Floating action button takes the user to book appointment activity.

Nearby shows nearby hospital.



Add note 

Patient Info

Full Name
Phone Number
Email

Hospital Info

Hospital Department
Delhi Hospital Cardiology

Doctor
rarhad

TIME

10
1
2

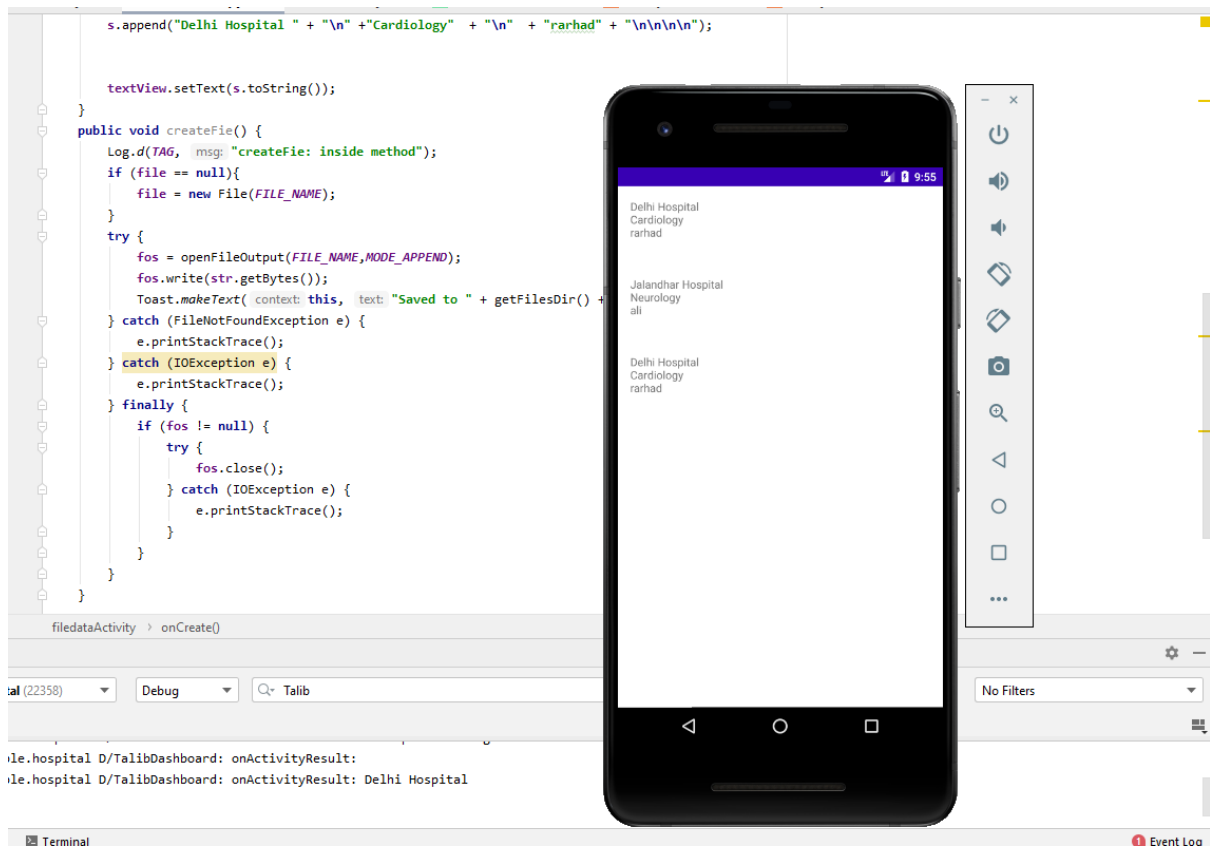
Hospital : Delhi Hospital
 Department : Cardiology
 Doctor : rarhad

Patient info will shows the user data that filled at the time of sign up.

Hospital info load the hospital name, department and its doctors.

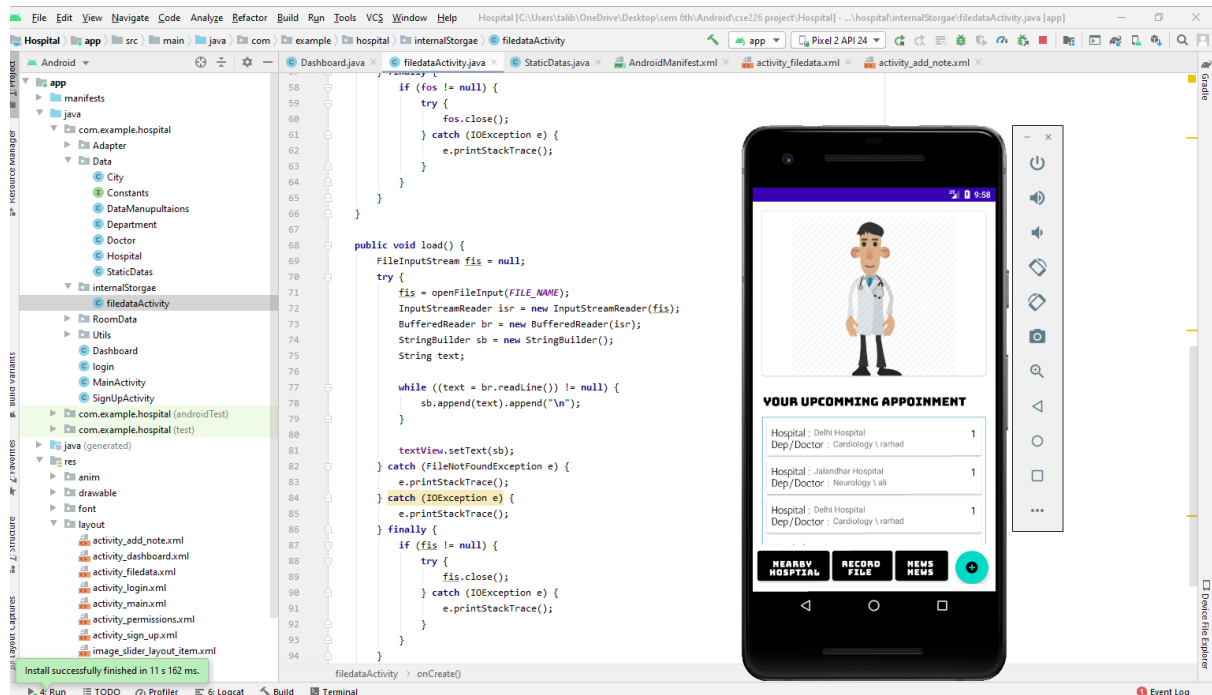
Time you can use the timing.

Save icon saves the appointment data.

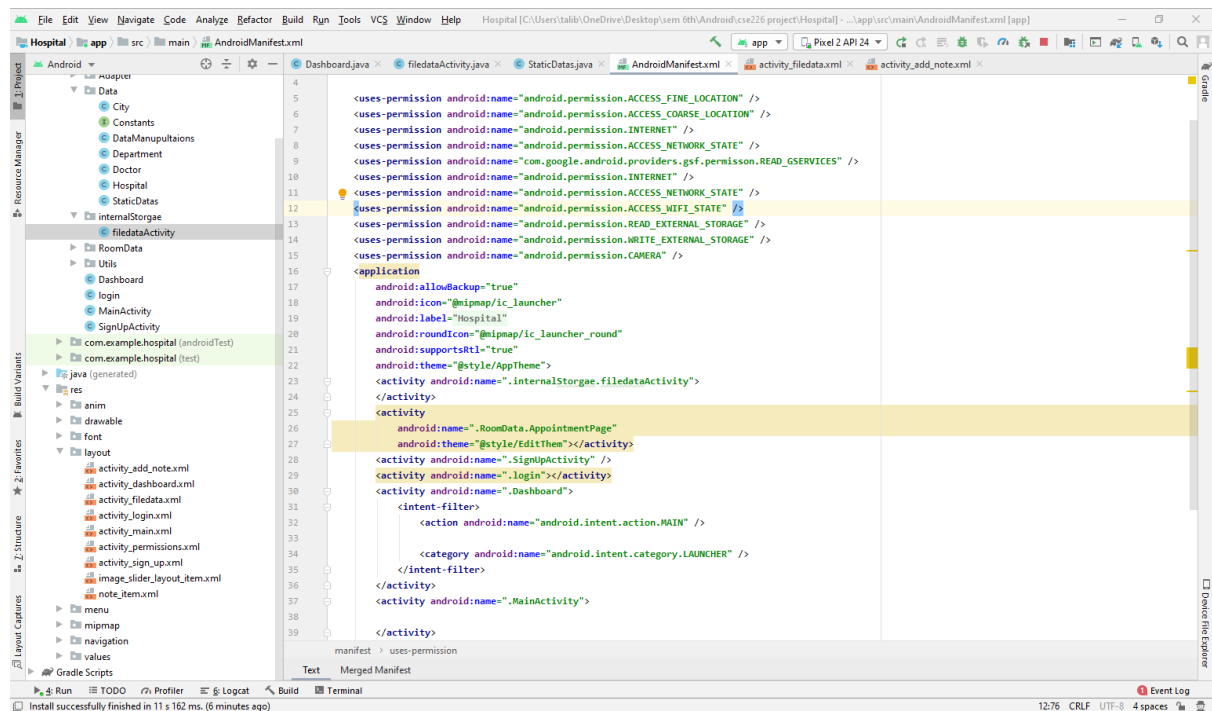


It stores the data to file and after reading the data from file it displays to the user.

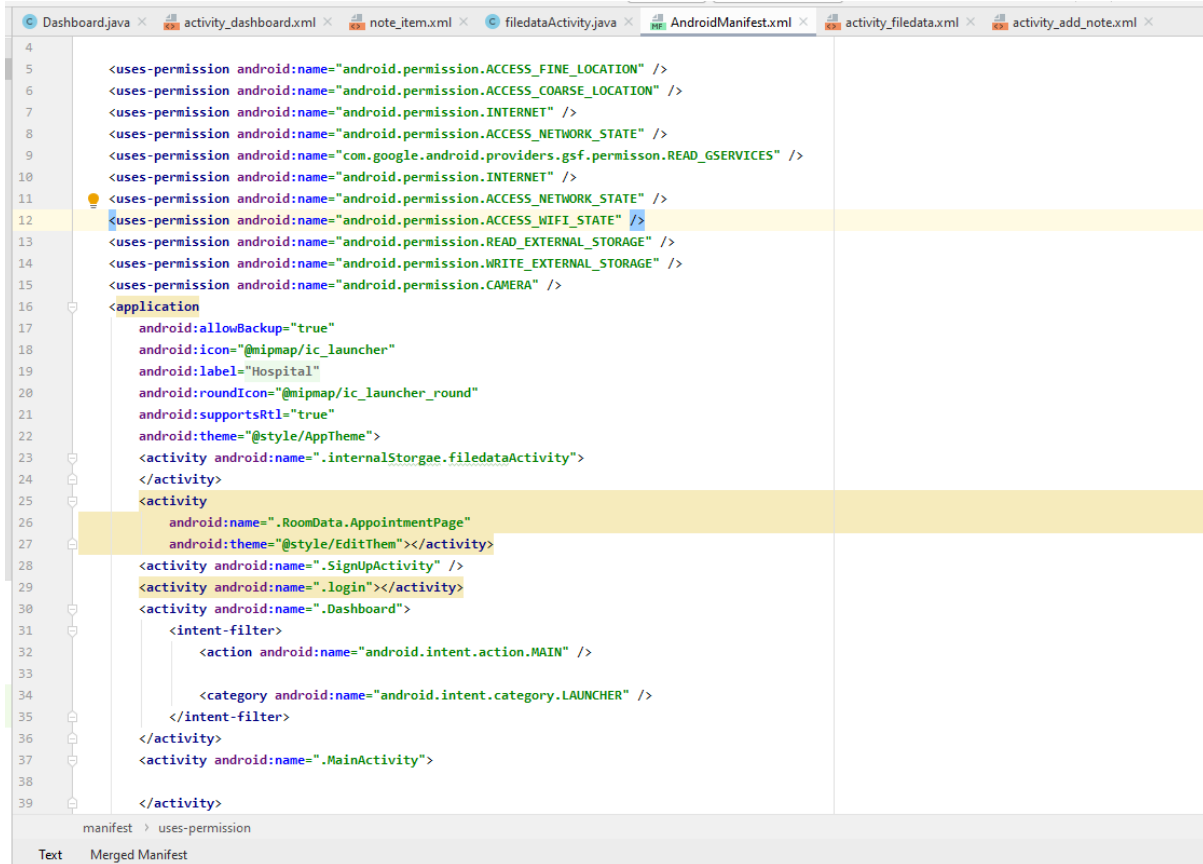
- All the files used in this project.



- All res/menus/anim/drawable files.



Manifest file



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    <activity android:name=".internalStorage.filedataActivity">
    </activity>
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        android:theme="@style/EditThem"></activity>
    <activity android:name=".SignUpActivity" />
    <activity android:name=".login"></activity>
    <activity android:name=".Dashboard">
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        </intent-filter>
    </activity>
    <activity android:name=".MainActivity">
    </activity>
</application>
```

manifest > uses-permission

Text Merged Manifest