MILESTONE 1

* Started by creating the initial Log In / Sign Up forms.
* These forms were created and stored/retrieved using Mobile Backend-as-a-Service (MBaaS) – Cloud Service – Firebase.
* We have currently stored the user data as they create account using ‘push ()’ functions which create a unique ID which is then used to retrieve the data.
* Just to illustrate retrieving we have added a Details Activity which retrieves the data of the user from the cloud and displays it after he/she creates the account.
* We can then retrieve any data –

To retrieve selective data using filters to retrieve other app users according to the preferences – constructed Query methods – Ordering using Child Key or Key Name - provided by FireBase.

* Also we are trying to integrate Facebook Login using Parse.
* Used the documentation provide by FireBase to learn about data structures used by Firebase and to save and retrieve data respectively.

MILESTONE 2

* Created Users and saved all its attributes and preferences using Parse ( reworked the entire thing since earlier we chose to work with Firebase ) . This app does not store any data on the phone and all the details are retrieved from the cloud services.
* Contains Login and SignUp pages with proper validations and the app also remembers the user if not ” logged out “ from the app.
* User profile picture can be clicked and added to profile. Profile can be further edited by using Edit Profile.
* Created a Navigation Drawer using Fragments to maneuver to all the pages pertaining to major functions of the app. ( Also to be added to the Navigation drawer is a User Information Custom View like in Gmail by the final milestone )
* The Roommates Page lets the user search / query the entire user database using various filtered search via Univeristy / City to further generate a ListView of all users that fit the requirement. The listview also contain a small thumbnail of the user ( not able to display the photo right now due to reason unknown )
* The apartment page provides a similar result.
* Google Places API to be implemented by the next milestone.
* Post Ad and View Ad enables users to post and view ad listings about apartments.
* The Home page will contain a list/feed of all the Roommates / Apartments that are “ Added to favorites “. (TO BE IMPLEMENTED)

MILESTONE 3

* Google Places API is implemented to find the closest apartments available near the University. The “placeID” reference, from the generated JSON response was used to extract vital information about the searched parties.
* Post AD and View AD services are implemented something similar to a localized Craig List.
* All its data was stored using Parse.
* “Add to Favorites ” was implemented where the shortlisted and displayed on the home page.

We eventually aim to create a Social Network feed at the Home Fragment.