

CS551 Advance Software Engineering

SECOND INCREMENT REPORT

Newbie's Key

Group#13



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Second Increment

As a part of second increment we have implemented the OAuth login using Facebook login and we have created a logic where the user once logged is redirected to a search page where he will be able to see his present location and a click on search button takes him to the maps where he can search his desired location and get the available apartments on the map as markers.

Features:

AutoFill Places: When the user tries to enter the location in the search bar he will get a dropdown list with all the values related to the substring he already entered.

OAuth Login: For the ease of login for the users we have included the Facebook login on our Login page so that would be convenient and time saving process for new users.

Location View: Once User logs in, he will be able to see his current location on the home page which also consists of available apartments for lease near his location.

Service Description

Search: We have included the Google maps API for retrieving the current location of user.

Facebook Login: We have used Facebook API to integrate it into login page.

Autosuggest: We have used the Auto Complete API to give suggestions

Apartments: We have used Zillow API to produce the results for our apartment search

GitHub URL

<https://github.com/gshkr123/Newbies-Key>

Challenges Faced during 2nd increment

- Finding an API for our Apartments.
- FB Login integration with our previous Login Page.
- We have faced Dex errors while we build the graddle.
- Faced issues with the Autosuggest API.

Total Feature Implemented so far:

- OAuth Login
- AutoComplete Text
- Apartment Search API
- Google Maps API

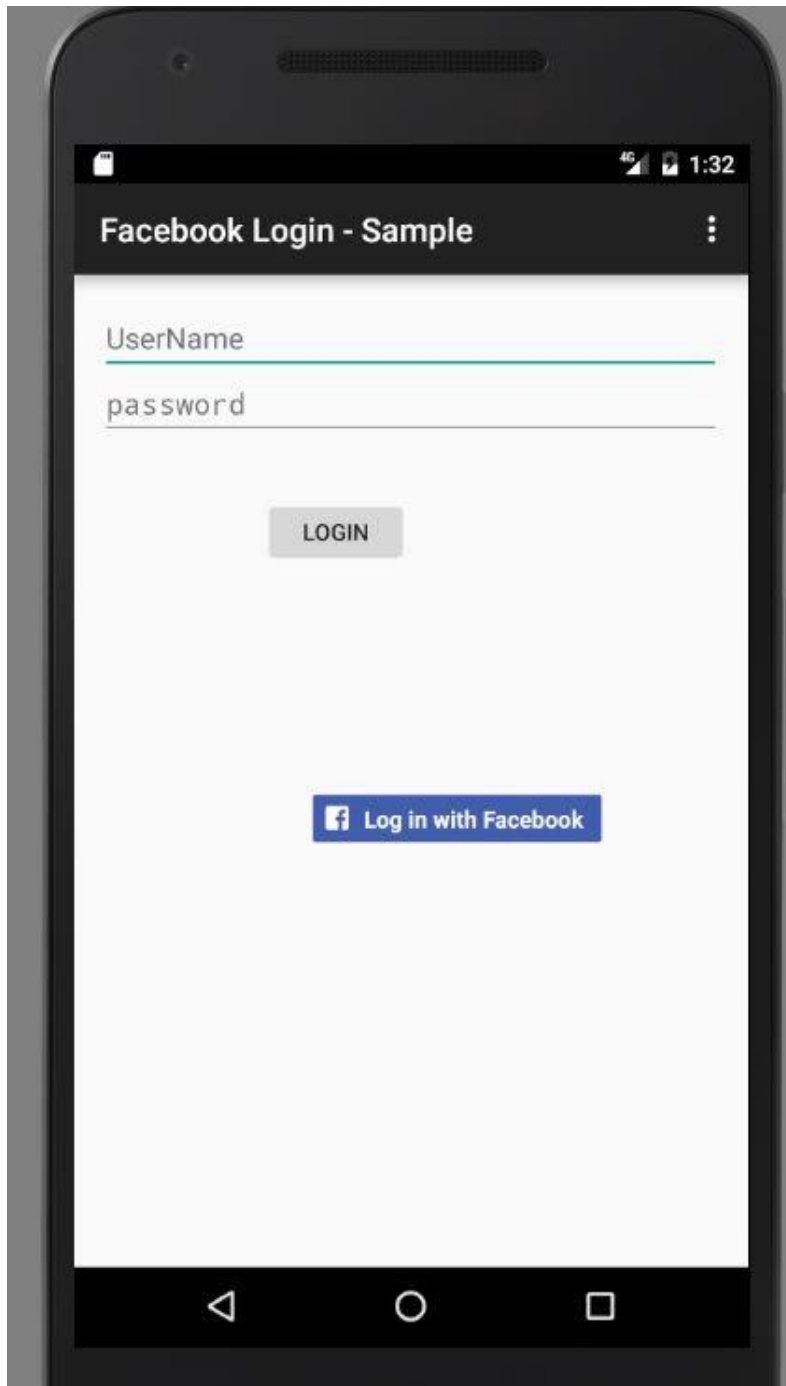
Features Yet to be Implemented

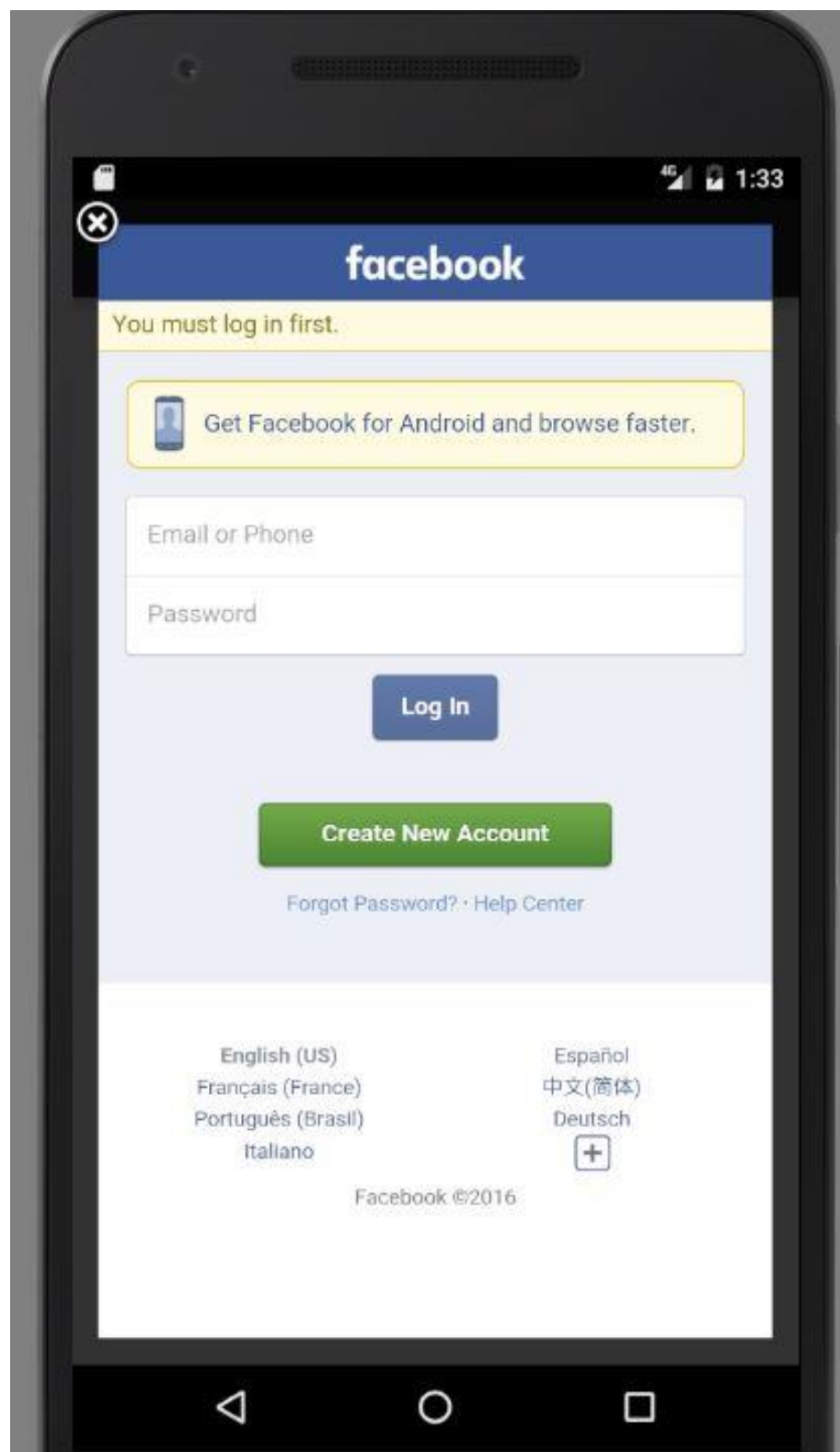
- Push Notifications
- One to One Chat
- List View of Search Results
- Animation for Navigations

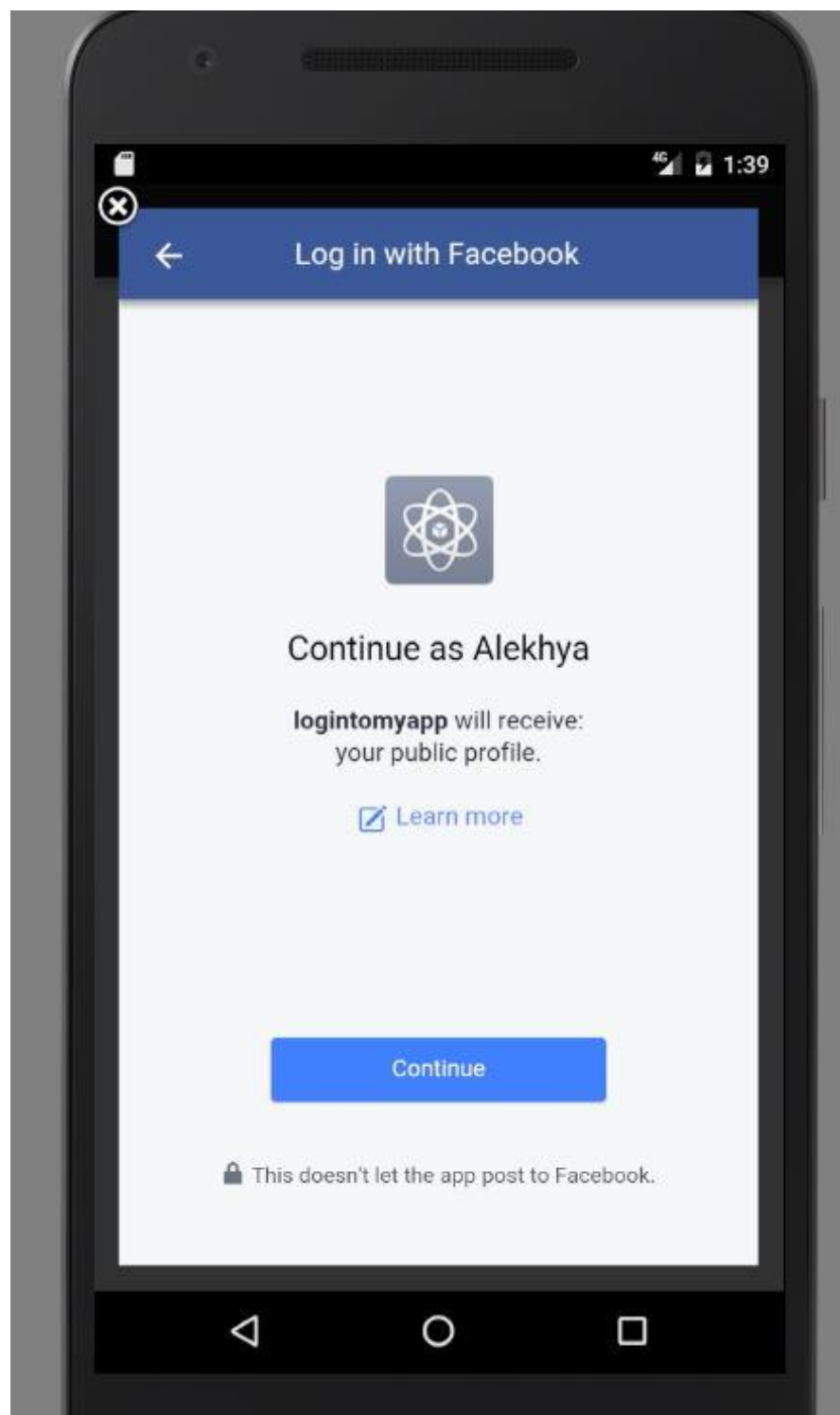
Improvements

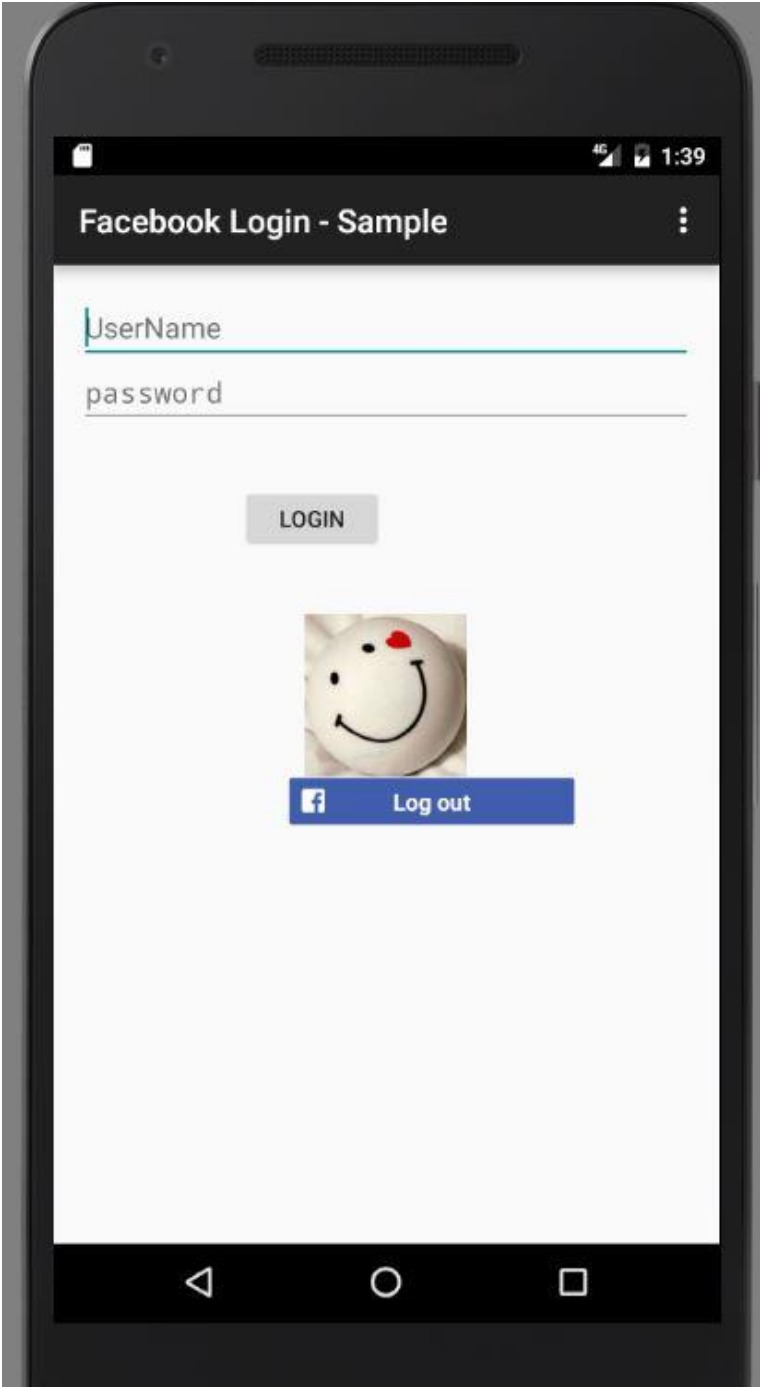
- UI Improvements in All Modules

Final Screenshots

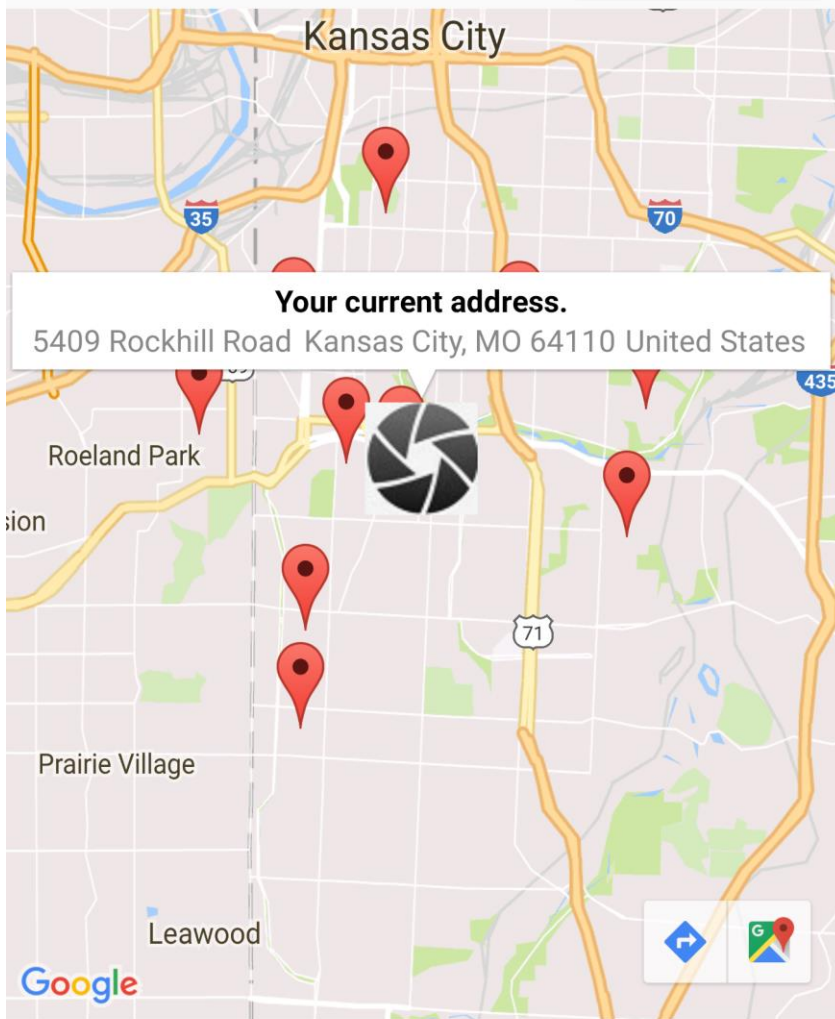








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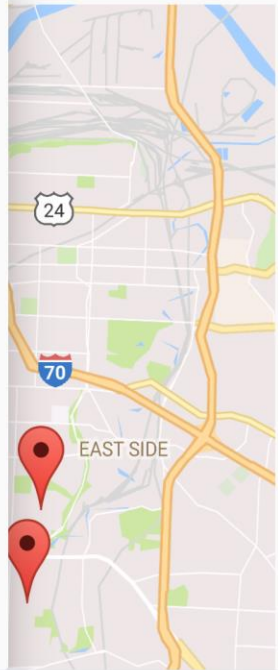
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