



BeerPal Beer Rating App

Developers

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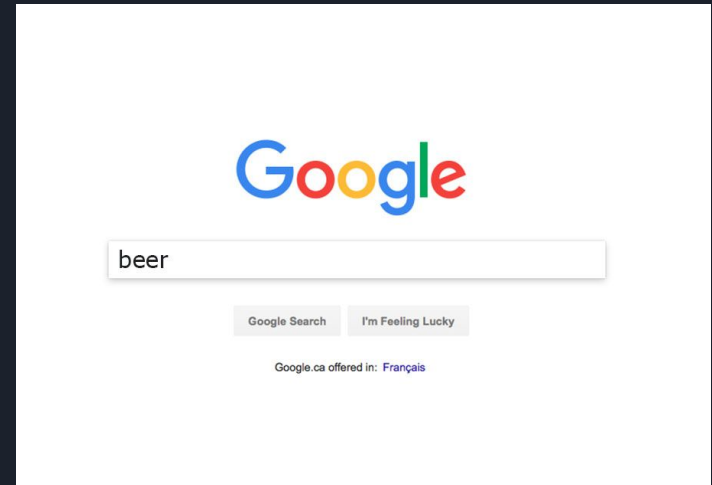
App Overview

What is it?

- Search for beers
- Rate beers
 - Beer ratings will go into user's personal database.
- Recommend beers to friends

Key Features:

- Beer rating system
- Database of beers the user has tried (with rating and other info)
- Drink wishlist





Project Overview

App Name: BeerPal

Language: Kotlin

UI: XML

Database: Google Firebase

Design Choices:

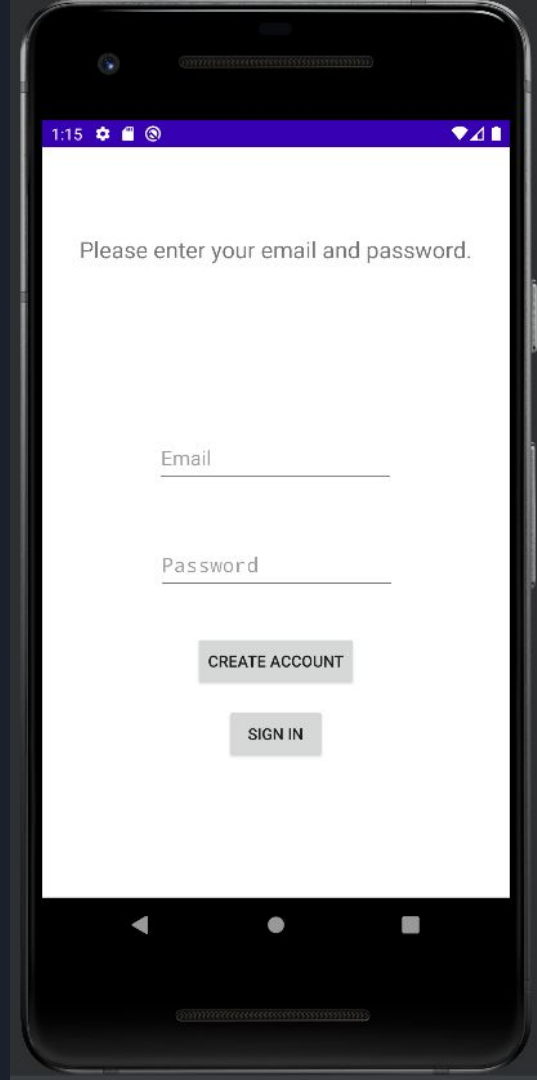
- Navigation
- Fragments
- Firebase
- RecyclerView
- Permission
- Repository Pattern
- Unit Testing





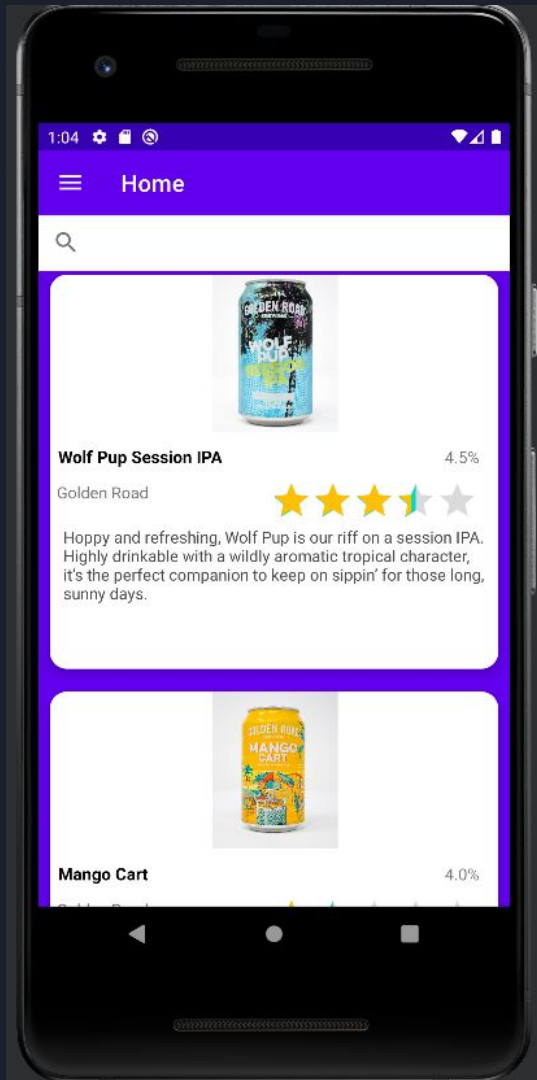
Email Login

- Using Firebase Authentication framework
 - Allows for global access of user details
 - Secured by Firebase, no storing private user information in plain text.



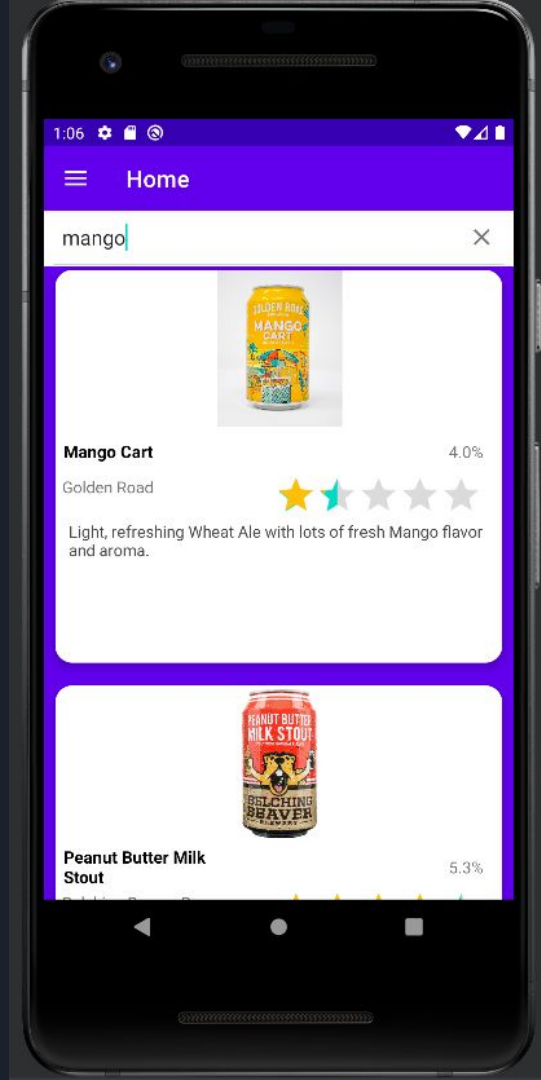
Main Beer Display

- Pulls beer info from Firebase
 - Formats this info into cards
- Cards are put into RecyclerView



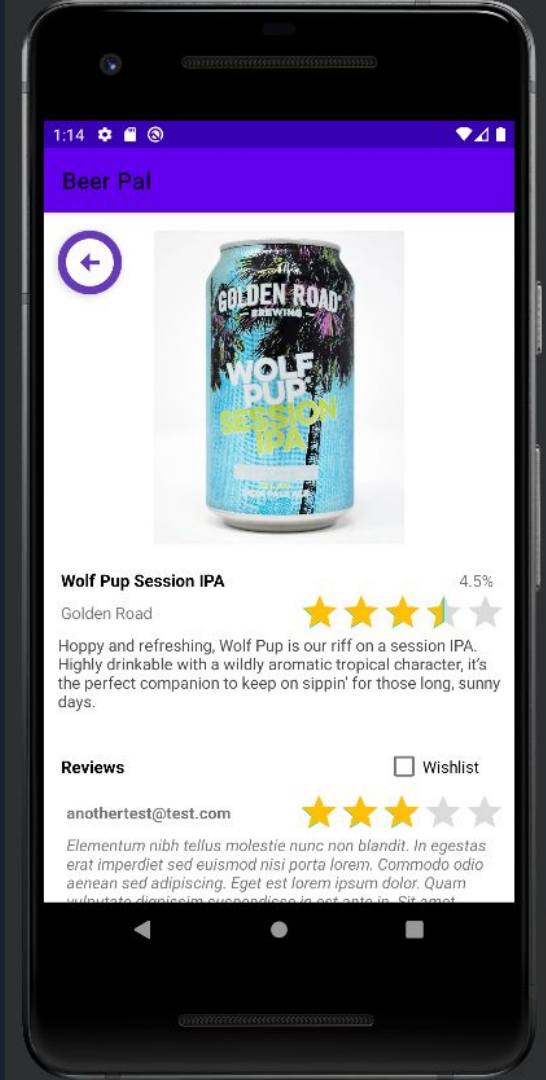
Searchable Beers

- Main RecyclerView can be searched
- Attempts to filter out irrelevant results
- Most relevant results placed at top.



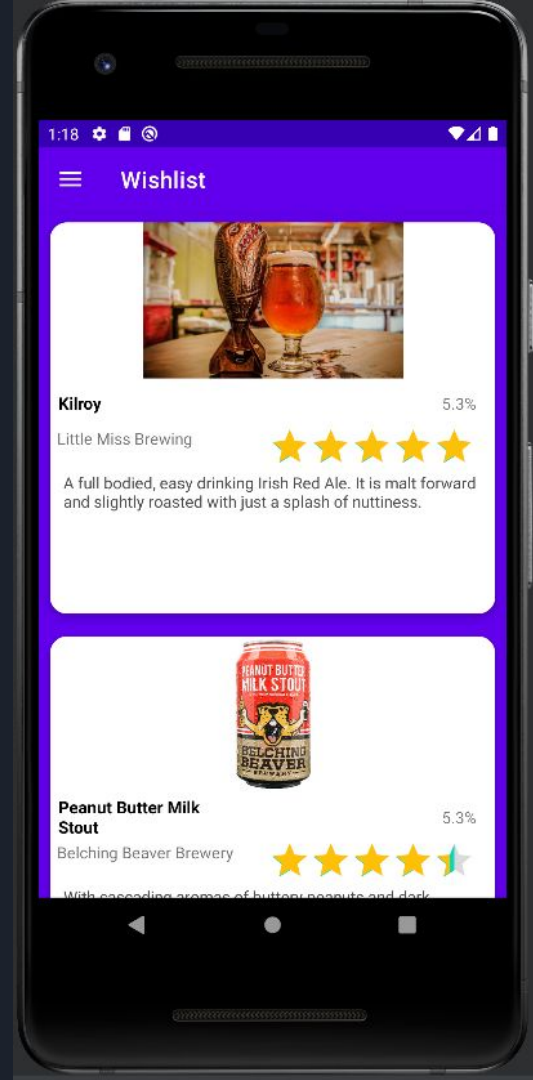
Beer Details

- Click on a beer's card to expand its details page. Reviews can be viewed here.



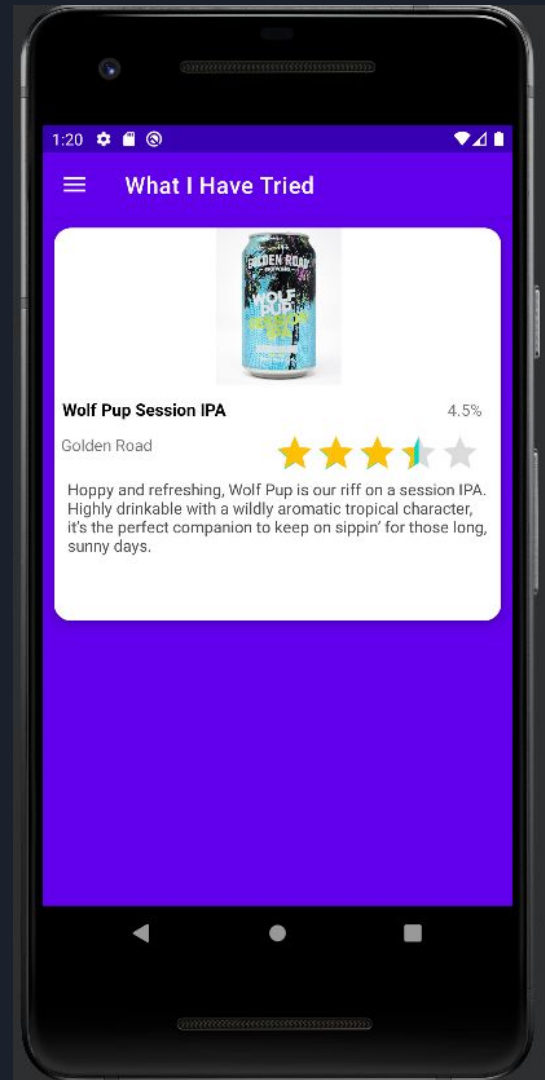
Wishlist

- Keeps track of beers a user has added to their wishlist.
- Can also expand details page from here.



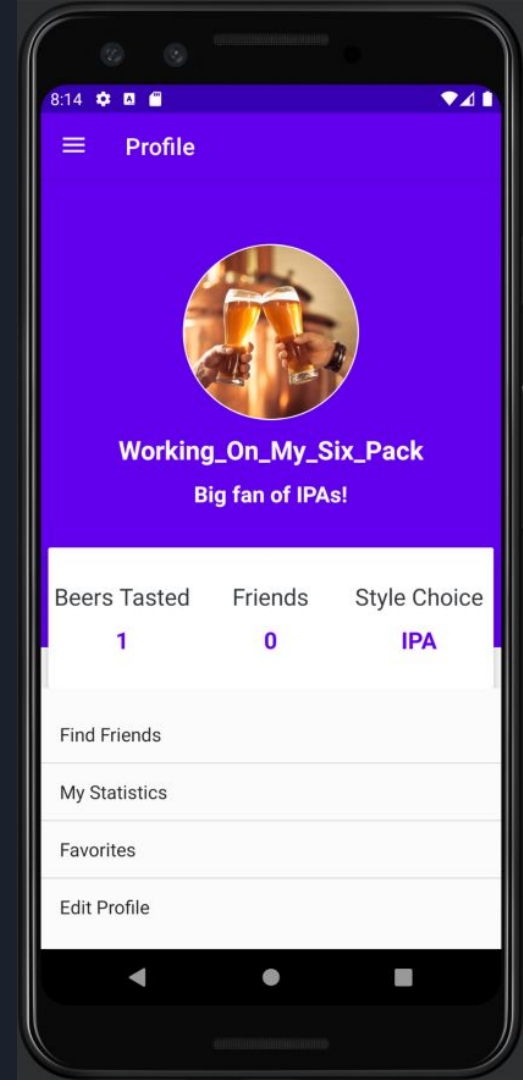
What I've Tried

- A user might want to see what beers they have had at a glance.
- What I've Tried page shows all beers a user has rated.



Profile Page

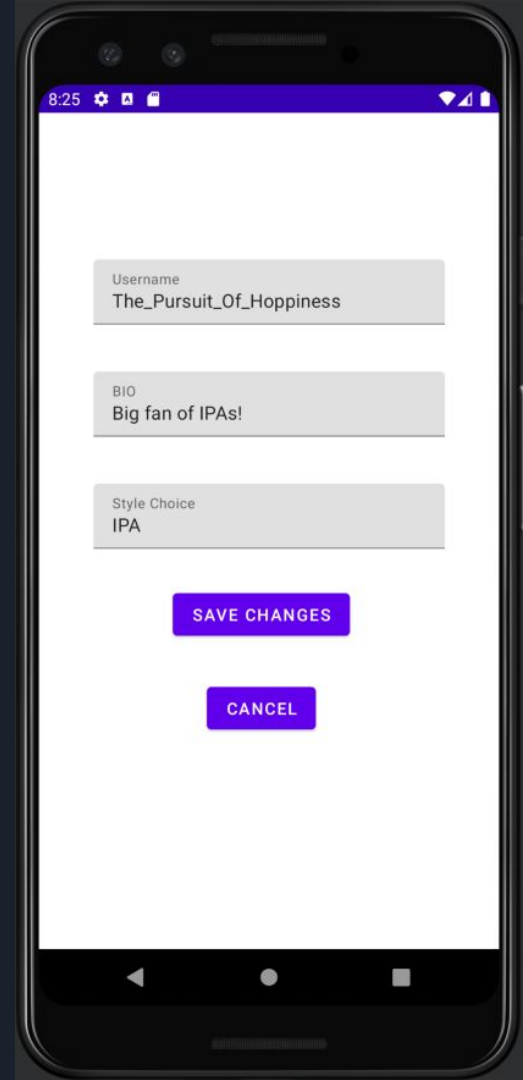
- User data is stored and pulled directly from the database.



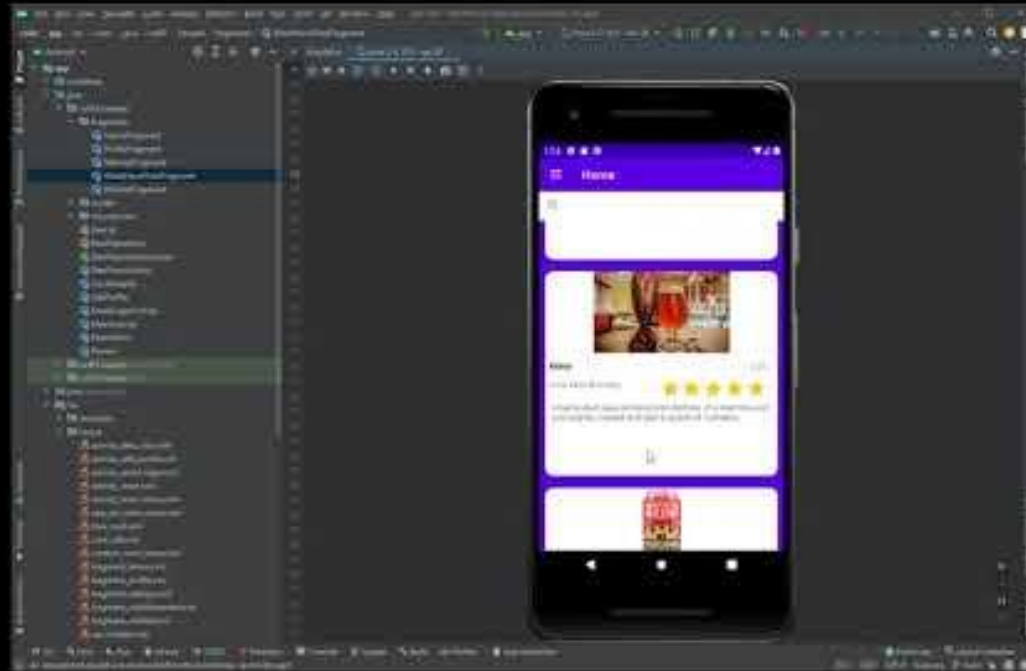


Editing the Profile Page

- All fields are populated by current user info from the database.
- Save Changes will update the user's database info
- Cancel will exit the user from the activity



Demonstration





Final Thoughts

Remember Us!

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