

Application Concept:

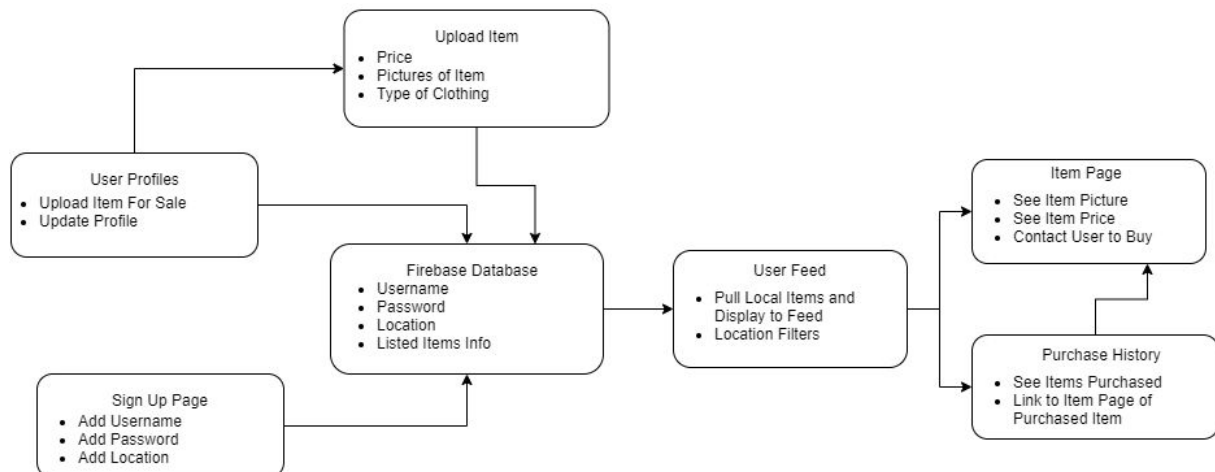
The idea of this app is to allow users to buy and sell clothes to people near them. Users will be able to put a piece of clothing they want to sell up on the app, and other users who are in their proximity should be able to see this listing and buy it.

Key Functionality:

Location based filtering of items, Ability to post pictures of clothes being sold to user profile, Feed in which users can see the available clothes in their area, Ability to notify user that you want to buy their clothes, Users can log into their account to sell/buy clothes

Architecture:

We will need to have a firebase database where we store the users account info as well as where we store the items that the users have put up for sale. When signing up for an account, users will have to supply us with a username, password, and grant us permission to access their location. Upon signing in, we should present users with a feed of the available clothes from other users, filtered by location. We will also have a user profile page where users can update their account and upload clothes to sell. The users will also be able to view their purchase and selling history.



List of Android System Components:

- <https://developer.android.com/reference/kotlin/android/location/Location>
- <https://developer.android.com/reference/kotlin/android/widget/ListView>
- <https://developer.android.com/reference/android/accounts/AccountManager>
- <https://developer.android.com/studio/write/firebase>

Team Member Responsibilities:

We will be working together initially to create a skeleton of our project for us to eventually branch off of.

Manpreet: Firebase, Item Page, Purchase History

Alex: Firebase, upload/list items, user profile page

George: Firebase, User Feed, Sign up Page

Storyboard (In Order Left to Right):

