# Background

Many people today already try to sell household stuff online through a website like Craigslist. But this means that one needs access to a computer and constantly needs to check the status of the item. This creates a demand for an app that can help organize and make buying-selling a smooth step. A mobile or a tablet app is best suited to this because it combines all of the tools needed to meet this demand-it has the camera to post pictures, push notifications to keep you updated, GPS for your location, and communication via chat or email.

Bakkle is an idea of a Garage Sale on your mobile device. Everyone has items in their house that have outlived their usefulness and they are ready to go to their next owner and be useful to them. This app will let you upload pictures of items you are trying to sell and also let you see what others are posting on your feed.

# Preliminary List of Functional Requirements

Can sign in with Facebook

// Can sign in/sign up with an email account (if time permits)

Tinder style interface for the Feed having an action in all four directions

Push notifications

Gallery for all uploaded items to be sold

Gallery for all items to buy or ‘maybe buy’

Gallery for all items to be kept on hold

Can add an item using camera and specify details

Feed filter

// Settings page (if implementing the email option for sign in)

# Startup Screen

The Startup Screen will have a sign in option to connect your Facebook account with the app, and (if time permits) a sign in option with an email will also be an option. If the user chooses to sign in with Facebook, all the info needed by the app such as name, email, and a picture will be imported from their Facebook profile. However, if the user chooses to sign in with an email, they will have to create an account before signing in and they will be providing an email address, a password, and their picture (optional). Once they create an account, they can use that account to sign in the app.

# Main Page

The main page will comprise the feed which will have posts from other people who are trying to sell their items. The user will have many options to choose from for every post. The actions to choose from are:

* [Add an item](#_Add_an_Item)
* Search
  + - This will search your feed for any keywords specified and update the feed accordingly.
  + Swipe Right
* Swipe Left
* Swipe Up
* Swipe Down
* Account

# Add an Item

Adding an item is pretty simple. When a user clicks on the ‘+’ button, a popup screen shows up where a user will add a minimum of 1 and a maximum of 5 images. The user also needs to provide a title for the item with the maximum price the user may want for it. They also need to enter some tags which will help categorize and help people to search for them. Along with that, there will be a description field which will ask for the description of the item being posted and a drop-down list for the method of pick-up where a user may select more than one methods like Pickup, Ship etc.

# Swipe Right

The user can ‘Swipe Right’ a.k.a ‘Want’ the item or are interested in it or they can also tap on the green tick mark button which will do the same thing and store that item into their ‘Buyer’s Trunk’ inventory. After the swipe, the next item in the feed will be displayed.

# Swipe Left

They can ‘Swipe Left’ a.k.a ‘Meh’ which will mean that they are not interested in the item or they can tap the red cross button which will do the same thing and item will go away from your feed forever. After the swipe, the next item in the feed will be displayed.

# Swipe Up

They can ‘Swipe Up a.k.a ‘Holding Pattern’ which will mean that they are not interested in the item or they can tap the red cross button which will do the same thing and item will go away from your feed forever.

They can ‘Swipe Up’ which will mean