Solobuy SRS

(Software Requirement Specification)

Solobuy is a platform (mobile application) for local, individual buyers and sellers to collaborate.

Permissions: Access to the phones GPS, phone (calling), internet, and camera.

**Home View**

Preconditions: GPS enabled. Internet enabled.

* The initial activity will load a list of items within a 50 mile radius of the users GPS location.
* The initial list of items will be uncategorized, and sorted by distance.
* Each item contains the following information: Images, title, description, price, time of posting, location (and distance), seller’s name, seller’s profile picture, contacts buttons (phone number and messaging).
* Buyers can scroll through the list of items and contact the sellers directly from the posting.

**Search View**

Preconditions: GPS enabled. Internet enabled.

* Search View has options to filter postings by keywords (search), category, and radius.
* Any combination or all of these can be changed to see various results.
* A button at the bottom returns the user to a filtered list of results based on what criteria was changed.

**Upload View**

Preconditions: Internet enabled. The user must create an account.

* Upload View allows sellers to post an item for sale.
* The following requirements must be filled out before the item can be posted: Category, photo (at least one), price, title, and description.
* A button at the bottom submits the post.
* The location for the item is automatically determined based on the sellers account information.
* The location, and any other information can be edited in the options menu.

**Message View**

Preconditions: Internet enabled. The user must create an account.

* Displays list of messages to/from buyers/sellers.
* Initial view displays the sender’s username, profile picture, and a segment of the latest message.
* Messages can be deleted individually or in bulk.
* Messages can be opened to read the entire message, and send a reply.

**Options View**

Preconditions: Create an Account

List of options include:

* Link to user’s “store,” which contains all items currently or previously posted.
* Profile Picture (edit)
* Profile Description (edit)
* Username & Password (edit)
* Store Location (edit)
* Option to upgrade account
* Contact Method (edit)
* Favorites (edit)
* Currency Type (edit)
* Convert to Metric (edit)
* Link to Terms and Policies
* Link to Report Problems

Actors Identified

Human and External Systems Interacting with Solobuy

1. Non-Registered Users
2. Registered Users
3. Premium Registered Users
4. 3taps API
5. Items
6. GPS
7. Camera
8. Phone

Use Cases

1. Browse existing items, contact sellers (by phone only), and create an account.
2. Browse existing items, contact sellers (all methods), upload items, upgrade account, and edit options.
3. Premium features undetermined.
4. Carry attributes (such as images, title, description, etc.), categorized, given a store location.
5. Required to determine user’s location and display relevant items.
6. Required to upload items.
7. Required to contact sellers.