Group 55: Lost & Found: Gordon Adelson, Gavin Spiegel, Francis Paesano

Application Concept / Key Functionality / Rough Architecture:

Our Lost & Found App will be used to help patrons of our app claim and contribute lost items to/from the Lost & Found. Our users will be to see a list of items that the Lost & Found currently contains, and will be able to claim items by entering identifiable characteristics of the item such as color, brand, date found, etc. These characteristics will be inputted by the finder and the redeemer of a lost item must correctly enter these characteristics to claim their item. Our app will display certain statistics including the number of items currently Lost & Found.

Our application is not only for those who have lost something, but also for people who have found something and would like to get the missing item back to its owner. Our app will have an "Add Lost Item" button that will take the user to another page, and offer a friendly interface to input the various characteristics that the lost item may have. This portion will try to gather as much descriptive information as possible so that the item is easily identifiable. We will have to account for both difficulties in describing the item and a lack of effective information from the user. This means we will need to be ready to handle some of the entries to be empty.

Our app will likely consist of two pages. The first page will contain a word list of items currently in the Lost & Found. The user will then click on their item of interest, at which point they will be taken to the second page of our app where they will be able to enter identifying characteristics of their lost item. At which point, we will compare their entries with items in our Lost & Found and determine if there is a "match." If there is, we will "return" the item and move back to the first page. If there is no match based on their current entry, we will prompt them with "no match" and they will be given the opportunity to enter identifiable characteristics again. Our app will utilize a firebase database in order to keep track of items in our Lost & Found.

In terms of user interface, we will strive to create an easy and simple interface for the user. We will need to organize our information in a friendly manner. Something that is easily navigable and readable. Something we will have to prepare for is a wide range of information for our items with the list. It can be expected that the list will get very long.

Page 1:

Welcome!

Item List:

- Watch
- Jacket
- Shirt
- Bag
- Item5
- Item6
- Item7
- Item8
- …
- …
- …

Page 2:

Please Enter the
Following Info So We Can
Locate Your Item:

Date Lost:

Color:

Brand:

Size:

After the user enters their information on page 2 their item will either be "returned" to them or they will be prompted with a message that