

# Affinity Diagram

There is currently no central lost and found system, making it difficult for students to report, track, and recover lost items.

## Advertising

Advertise the app on the USC social media pages, to encourage students to use app.

Place flyers around USC campus "Lost Something? Download our app!"

Add a sharing system within the app so that users can share the app to their friends, peers, etc.

Create social media accounts and post trending content to push the app

Give presentations around campus promoting new app, tell everyone we can to promote as much as possible

Have professors and advisors tell students about the app.

## User Feedback and Revision

A review system with a stars rating within the app store

Take input from reviews left by users to improve upon features or add features

Send out monthly surveys to gather information about effectiveness of app and anything to improve upon

Take user feedback and use that to come up with new features or bug fixes

Implement and rollout new patches every 2 weeks to keep up with security and any bugs that come up

add a review system after the user has recovered their lost item to rate satisfaction, condition, and how long it took them to retrieve their lost item(s)

## Tech Stack

React native, MongoDB, Express, and Node.js for a complex web app

Android studio or kotlin for a google play store app

Swift and Swift UI for IOS app

LAMP stack for super basic website/ web app

Could we use AWS or Azure resources to store the data of all the lost items, and use API's to pull data from the cloud resources

Is Flutter a viable option? If making a mobile app

## Basic Features

Forum style layout, like facebook market or reddit

Ability to post images to the forums, so that way people are able to identify what the item looks like

Ability for users to leave comments under the post/ a way to contact the person who found the item, or a number to call of the lost and found at the building's location.

Each item shows how long it has been in the system.

A filtering system to sort the items by type of clothing, item, etc.

Users make accounts linked to their USC email so that way when they make posts about items lost the person whose item it is can be contacted

Add a tagging system, so that way users can search by location as to where the item was lost at/turned in to.

A verification system to prevent people claiming lost items are theirs when they are not

reward based system for people who find items/coupons to the bookstore

## Miscellaneous

A dark mode and light mode for the app for accessibility

Screen reader functionality for accessibility

Where to hold all the data that we would need/hosting and domain purchasing

modern/ usc color scheme for app design (Garnet and black)

What would happen if people don't report the lost items?