

# Assignment 2 Explanation

This mock up depicts the searching functionality for a geocaching mobile application. The two separate views represent the searching functionality for a novice user and for an expert user. The novice user's searching tool would include the bare essentials and would only show beginning level geocatches. Novices could search through geocatches by scrolling and clicking on pins in the map view or by searching by location in the list view and scrolling through the list. Once again, they could only see the level of geocatches that corresponds to their current proficiency level. The mobile application would award the user more features for searching as they level up by finding more geocatches. For example, the first level up might enable them to view medium level catches, filter by difficulty, and see hints on the catches.

The mock up portraying the expert searching functionality includes much more info encoded into the views and settings to enable precise control over geocache searching. From the map perspective, expert users can see multiple color coded levels of geocatches as well as many tools to filter, browse, and search through geocatches. From the list view, expert users can see more information for each geocache listed including the name, code, distance, difficulty level, terrain difficulty, size, and number of times found. By utilizing filtering settings, expert users can sort the list of geocatches by distance to them, difficulty, number of times found, and terrain difficulty. They can also filter results to hide catches that were already found and to specify what size, difficulty, and terrain geocatches they want to see.

# SEARCHING- NOVICE

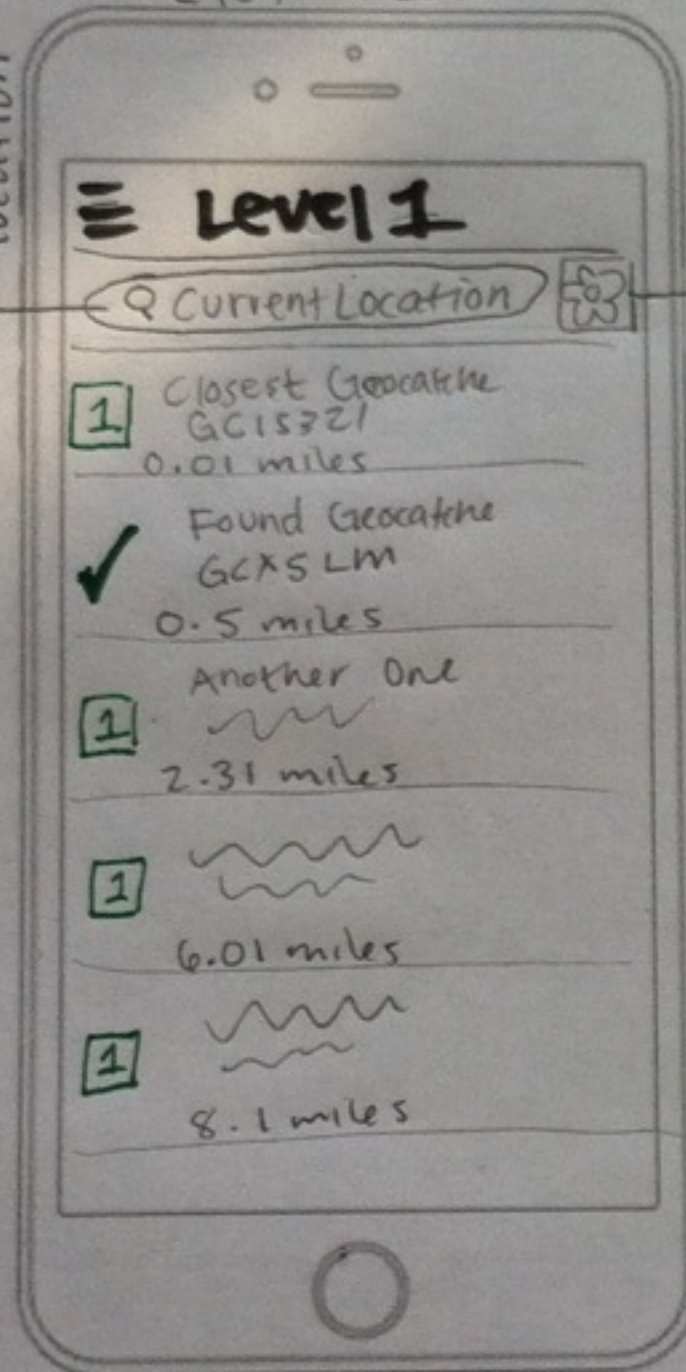
Map View



Menu to transition between views

- can see only level 1 geocatches
- can scroll + click on pins for more info

List View

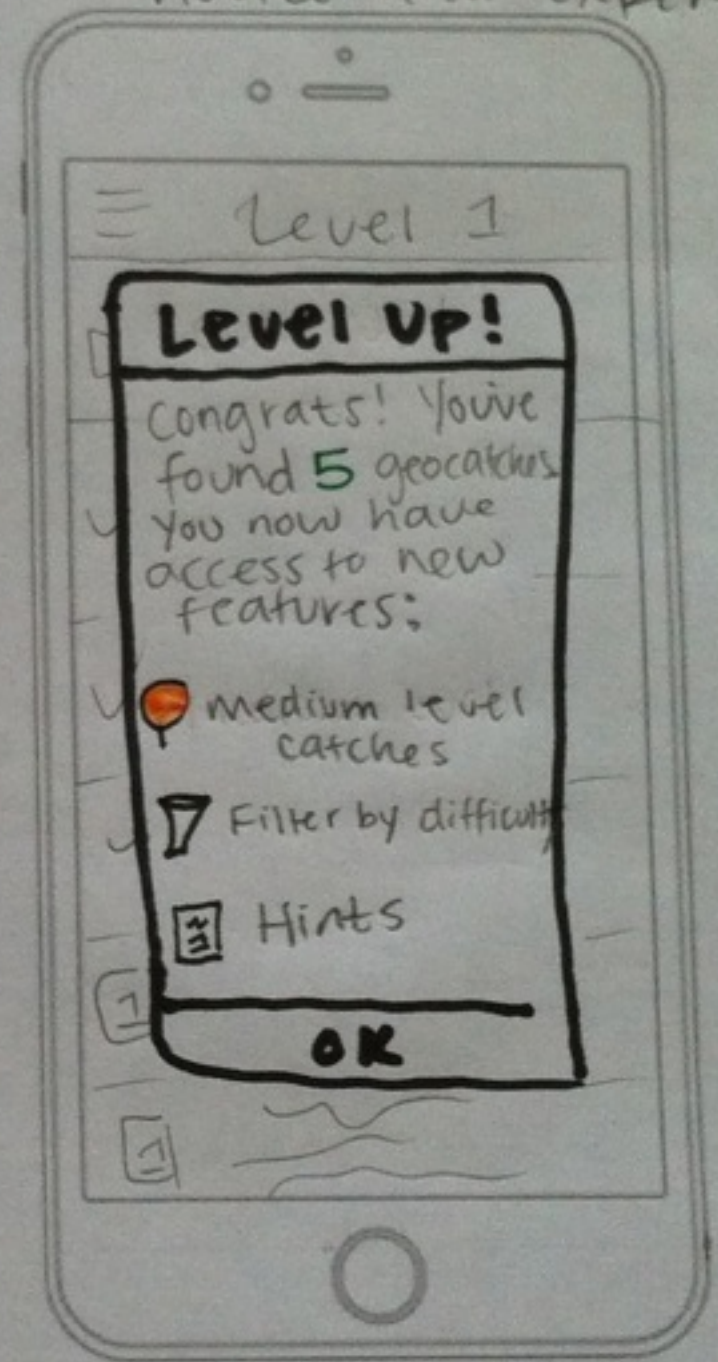


search by location

change ordering of list

- can search by location
- can only see current level of geocatches

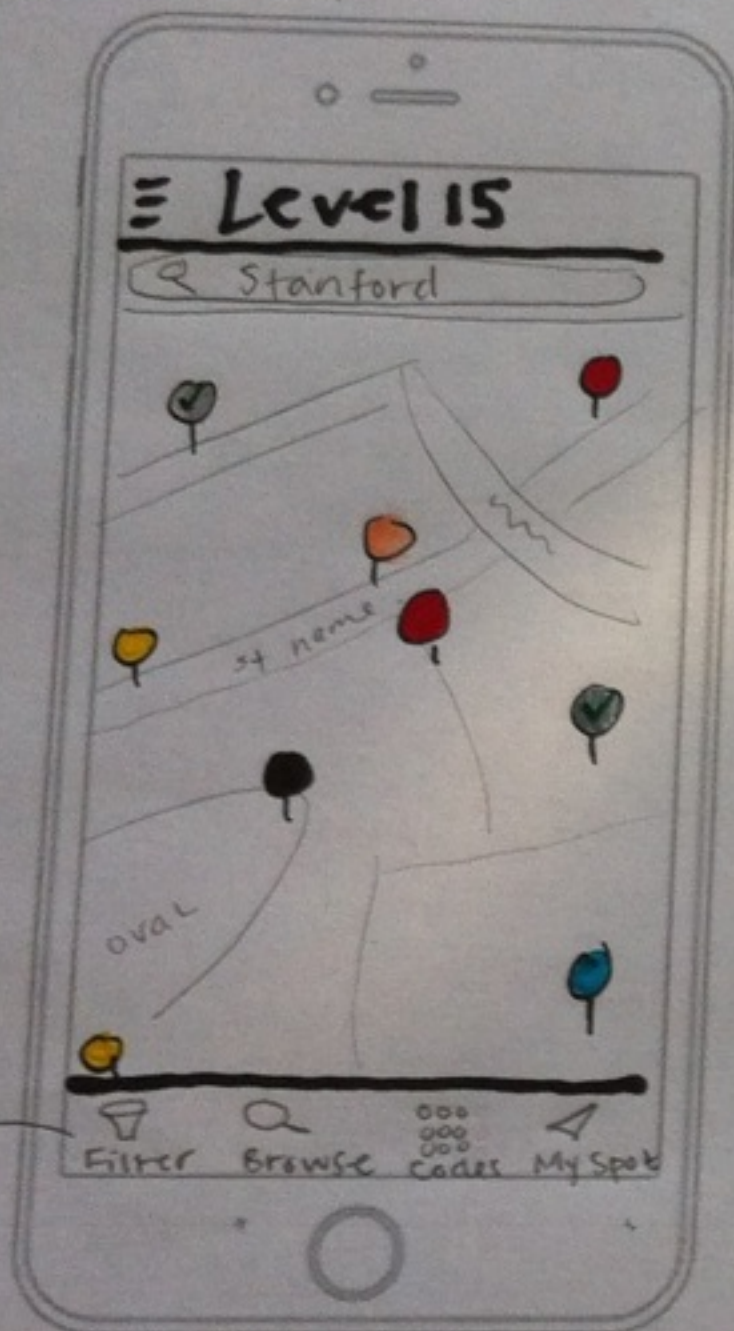
Transition between novice and expert





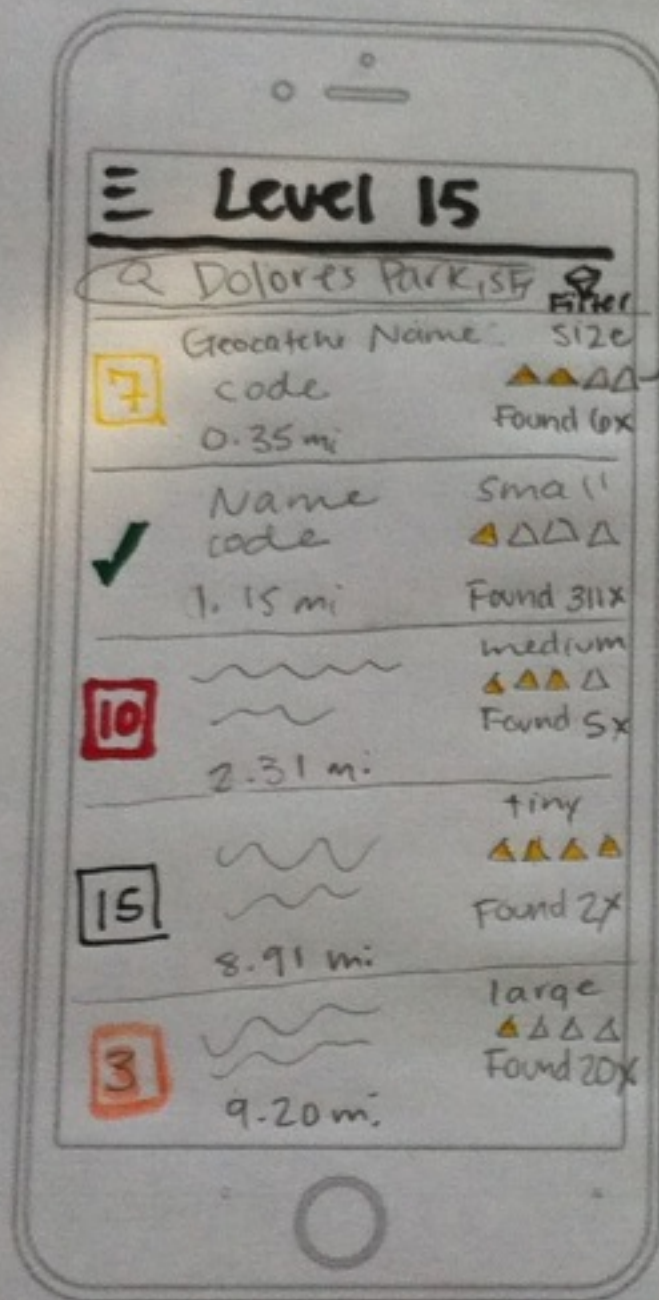
# SEARCHING-EXPERT

Map View



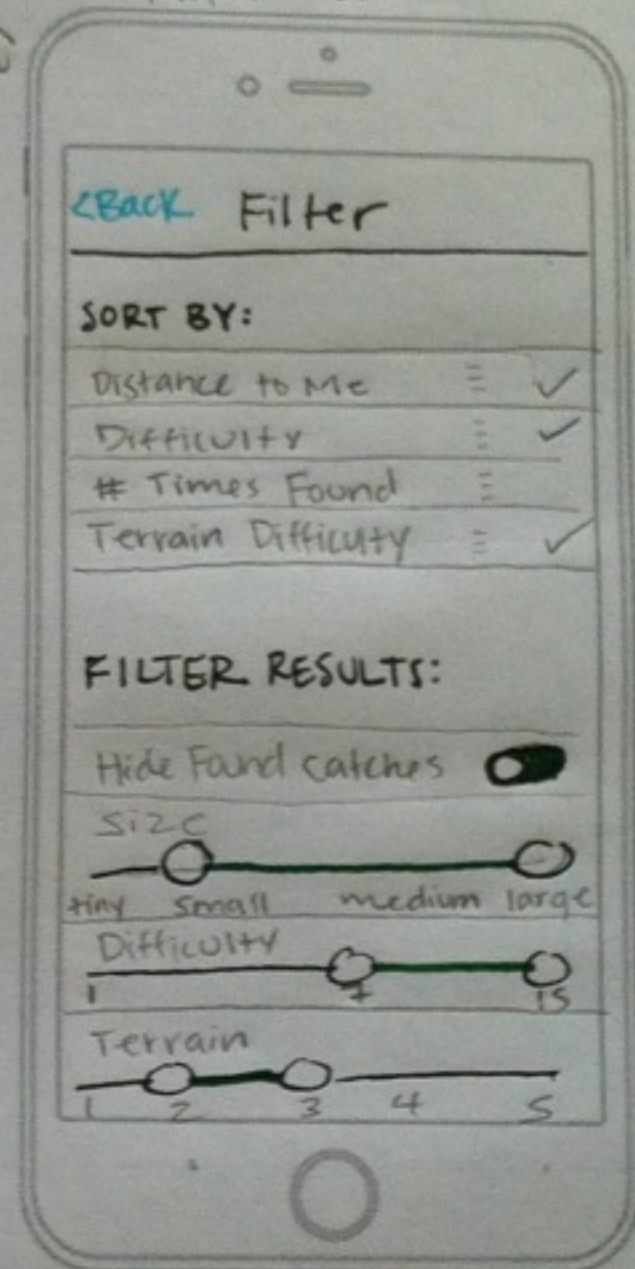
- can see multiple color coded levels of geocatches
- many tools to filter, browse, and search through geocatches by variety of features

List View



- much more info encoded into list view

Filter View



- more settings to enable precise control over geocache searching