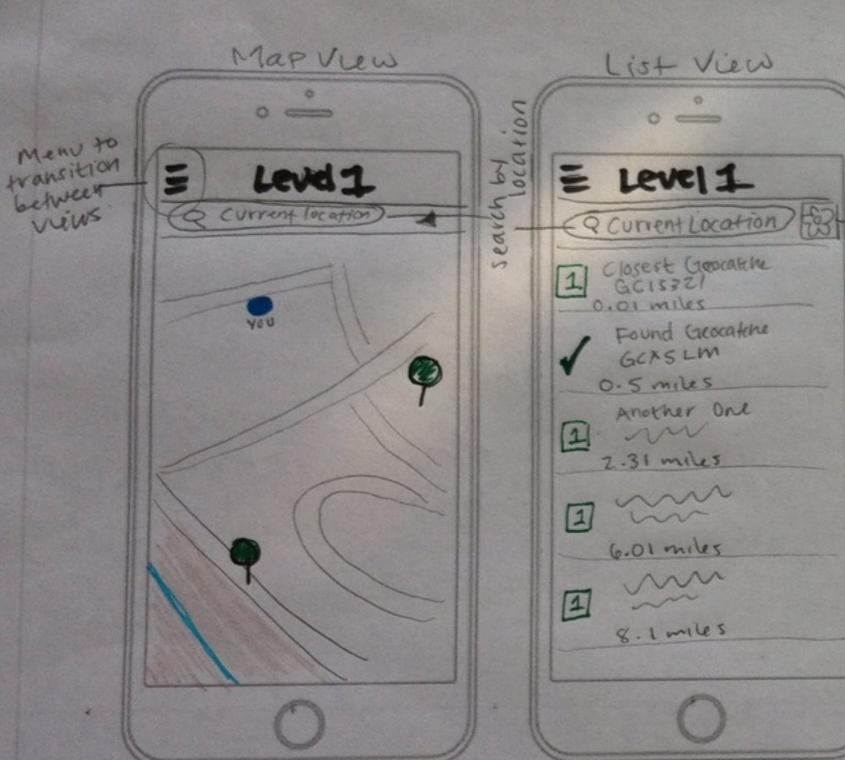
Assignment 2 Explanation

This mock up depicts the searching functionality for a geocatching 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 geocatche 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 geocatche 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.

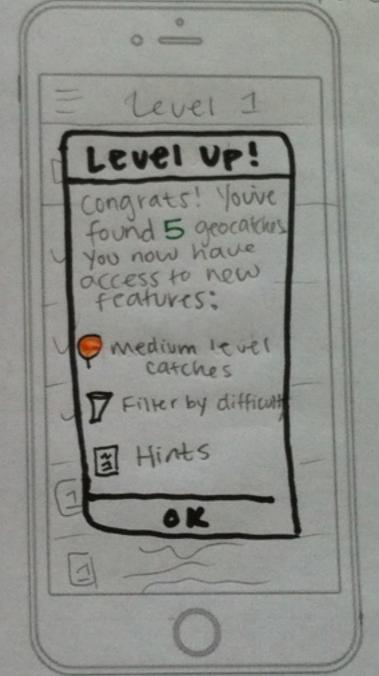
SEARCHING-NOVICE



· can see only level 1 geocatenes · can scroll + click on pins for more info can search by location

can only see current level of geocatches

Transition between novice and expert

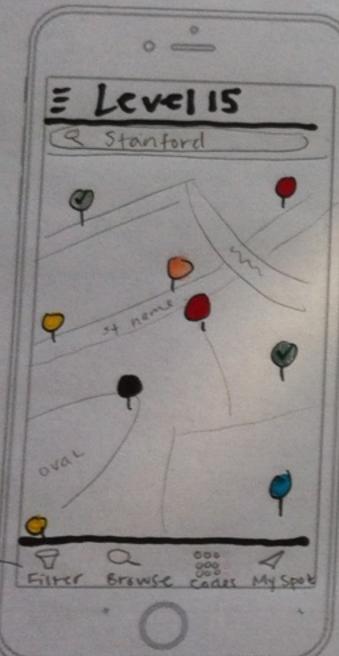


0

an

SEARCHING-EXPERT

map View



coded levels of geocatches

powerful search

tools

many tools to filter, browse, and search through geocatches by variety of features

| | List V | liew |
|-----|--------------------------------|----------------------------------|
| | 0 0 | |
| E | Level | 15 |
| a | Dolores Pa | |
| E | Georaten No code 0.35 mi | Found (ox |
| 1 | Name | Sma (1 |
| 10 | 1. 15 mi | Found 311x medium AAAA Found Sx |
| | 2.31 mi | tiny AAAA |
| 151 | 8.91 mi | Found 2x |
| 3 | 9.20 m. | Found 20x |
| | 0 | |

· much more info encoded into list view

| SORT BY: Distance to Me Difficulty # Times Found Terrain Difficulty Hide Found catches Size Hiny small medium land Difficulty Terrain | | 0 = | | |
|--|--------------------|------------|------|---|
| Distance to Me Difficulty # Times Found Tervain Difficulty FILTER RESULTS: Hide Found catches Size Hiny Small medium land Difficulty Q | CBACK. | Filter | - | |
| # Times Found = Terrain Difficulty = FILTER RESULTS: Hide Found catches Of Size Hiny small medium last Difficulty Officulty O | SORT BY | ! : | | |
| # Times Found = Terrain Difficulty = FILTER RESULTS: Hide Found catches Of Size Finy small medium land Difficulty Q (Continued of the continued of the c | Distance | tome | = | 1 |
| FILTER RESULTS: Hide Found catches Co | Diffice | 71+4 | = | |
| FILTER RESULTS: Hide Found catches of Size iny small medium last Difficulty Q | MINISTER PROPERTY. | | | |
| Hide Found catches of Sizo Finy small medium last Difficulty | Terrain | Difficu | +V = | |
| | FILTER | | | |

more settings to enable precise Control over geocatche searching