

Crab Shack Kitchen: Design Change Document 1

2/16/16

After meeting with our scientist, Dean, and Graduate students, Sachin and Steven, we have compiled the following changes to the application presented in our cognitive walkthrough.

Stacked Progress Bar

Dean has requested that the initial progress bar, displaying how many of the specimens have been edited and recorded, be altered to allow two states to be viewed. He wishes that the bar show the number of specimens contributed by the team shown in one color, and the specimens completed only by the user which is logged in, overlaying the first bar in a secondary color. This will be for each user to see their individual contribution in comparison to the whole.

Fifth Final Column

The initial design had four columns, one for a button containing an entry by a citizen. Due to some concerns from our Cognitive Walkthrough, we have decided to add a fifth column which will contain a textbox with the contents of the currently selected button, but allows the user to edit the contents. Therefore, if a scientist wants to slightly edit a citizen entry due to spelling mistakes, etc, they will be able to. It also allows the scientist to enter a completely different answer.

Keyboard Shortcuts

Following usability testing, we would like to look into adding keyboard shortcuts to our application. However, due to the inability to know where shortcuts will be beneficial at the moment, we will ensure that usability testing is completed first, then potentially assign repetitive tasks a particular shortcut.

Thumbnails

The idea of using thumbnails to navigate between specimens is something that we believe will make the navigation easier, particularly to go back to, say, two specimens back. If this is something which can be implemented fairly easily without taking too much away from the necessary space for editing, we would like to create this feature.

Drag and Drop

Thanks to one of the Graduate students during our cognitive walkthrough, we are considering the idea of a “drag and drop” feature to allow the scientists to click and drag a button value from one row, and drop it into another row. This is particularly helpful if the citizen misplaced a value, or had information in the “Additional Notes” section which is needed for a particular field.