

Beach Monitoring App

- Purpose: Captures the data collected on the beach.
- Data updated on Wisconsin DNR server.
- Used to design prediction model for bacteria contamination.

Test and Test Goals

- The UX Experts were told to fill the form, edit the form.
- Question were asked to
 - To know the usability of the interface.
 - To check requirements were met.

Test Results

- Application is easy to Perform.
- Easy to fill the form
- Easy to find a particular field
- Application responses fast
- Like to use the application again

Results of Usability Questions

- On scale of 1 to 10 how easy is to perform fill the form
 - Average 9.3
- On scale of 1 to 10 how comfortable you are using the interface
 - 10,10,8,10,9,10=9.5
- Able to Identify the Incomplete fields?
 - 83% -yes
 - 17%-no

- Application makes easy to perform the task
 - 100% - Strongly Agree
- Enjoyed using the app?
 - Very much-50 %
 - Neutral-33%
 - Little bit-17%
- Would you use the application again
 - Strongly agree- 50%
 - Agree- 50 %
- on scale of 1 to 10 how easy is to edit the form
 - Average=8.67

- On scale of 1 to 10 how easy is to reach submit button
 - Average = 9.1
- On scale of 1 to 10 how easy is to find a particular field
 - Average = 9
- How fast did the application respond to submit button
 - 100% - Fast

Bugs

1. One can submit a form without entering the beach name.
Severity-Medium
2. Beach Selection Auto fill not available on Iphone
Severity-High
3. Need to select a drop down option twice on Iphone
Severity-Medium
4. Checkboxes has to be clicked on twice to select a option
Severity-Medium

Recomendations

- For fields like Wave length, Air temperature. Measurement units should be displayed.
- Delete button on the center of review page