

CS 5760

Preliminary Usability Test Results Presentation
Team: The Berry Bunch



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App Introduction

Website is called backyard berry, the purpose of this website is to provide people with knowledge on location, type, and preventative measures for the overall health of berries in this region. This website can also be used by scientists for their research.

Link: <https://hci-dev.cs.mtu.edu:8136/berrybunch/berryMain/index>

Attendance

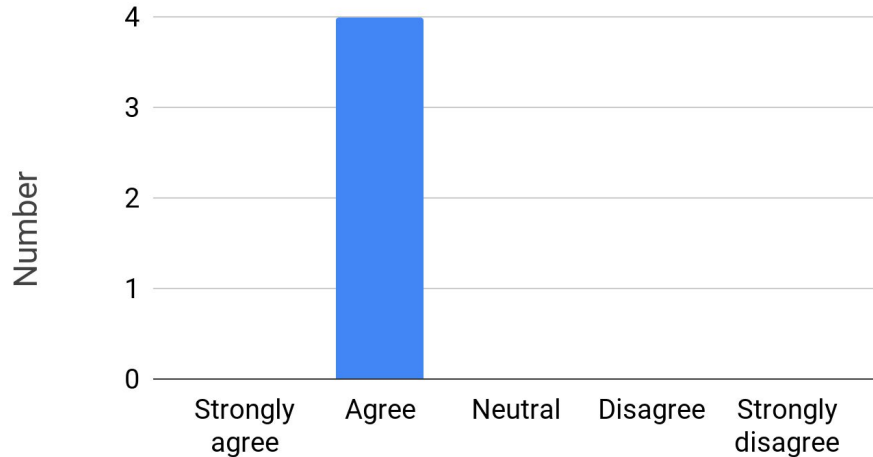
4 attended

2 missed

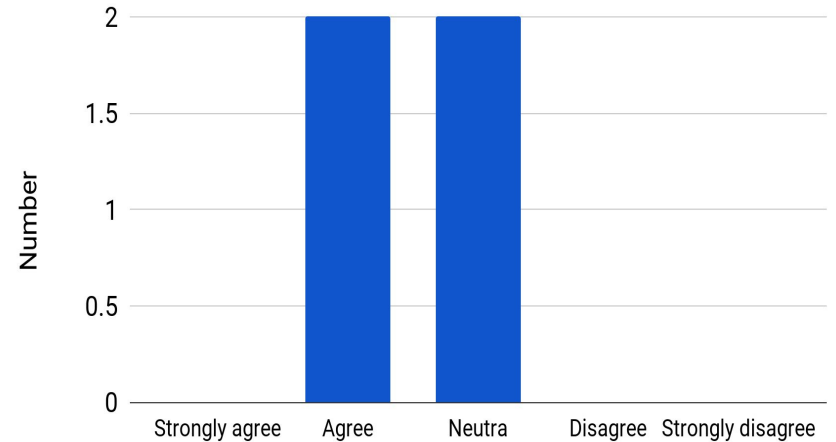


Pre-Test Questionnaire

I am very interested in the testing of this application



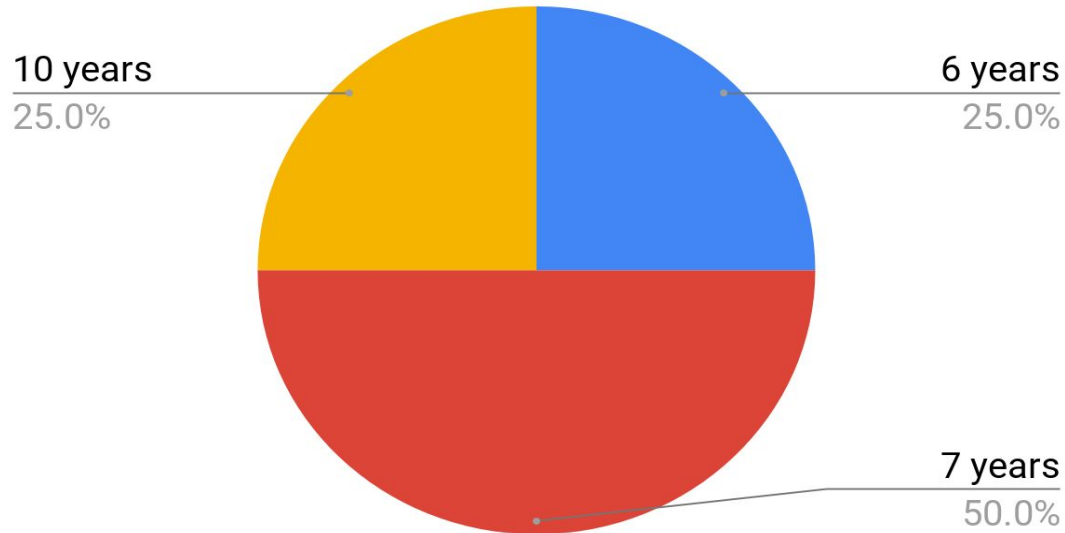
I am very interested in picking berries



Pre-Test Questionnaire (cont.)

How many years have you used a smartphone?

Years of using cellphone



Pre-Test Questionnaire (cont.)

Any expectations before test?

- Only the standards I have from using previous websites and apps.
- I would like it to show me where the best place to pick the type of berries that I want to eat around my location.

Test Scenario 1

Name: Fill the harvest questionnaire

Goals:

- To check if questions in harvest questionnaire are clear for participants
- To check if harvest questionnaire can be submitted successfully after participants finish it

Test Scenario 1 (cont.)

Post scenario interview	Response
Are questionnaire clear?	Yes: 100%
Are questionnaire comprehensive?	Yes: 75%; No: 25%

Suggestions:

- Specify type using a text box
- Add how long you were there for and a ranking of how satisfied you were by the berry that was harvested
- Asking why they were berry picking and how many times they have been berry picking

Test Scenario 2

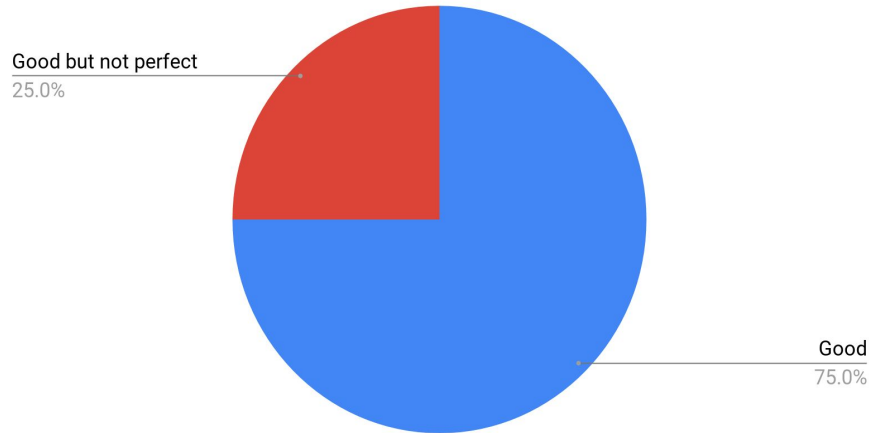
Name: Fill the harvest demographic survey

Goals:

- To check if participants can successfully submit form
- To check how to deal with illegal input

Test Scenario 2 (cont.)

Feeling about interface



Suggestions about demographic survey:

- Ask where the person is from to see how many people come from out of town
- Add person's level of interest in the berries

Test Scenario 3

Name: Scientist view page test

Goals:

- To check if participants can successfully access the scientist view page
- To check if data provided in scientist view page is easy to understand

Test Scenario 3 (cont.)

Do you think the functions provided are enough for scientists?



Suggestions:

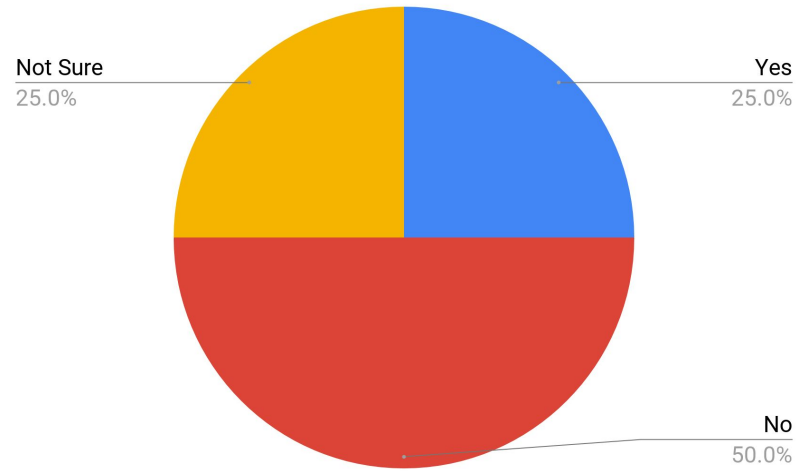
- Biome and company are little confusing
- Download function should be finished

Test Scenario 3 (cont.)

Do you think the data/figures provided are clear and easy to understand for scientists?

Yes: 100%

Do you think the scientists should pay for the data or not?



Post-Test Questionnaire

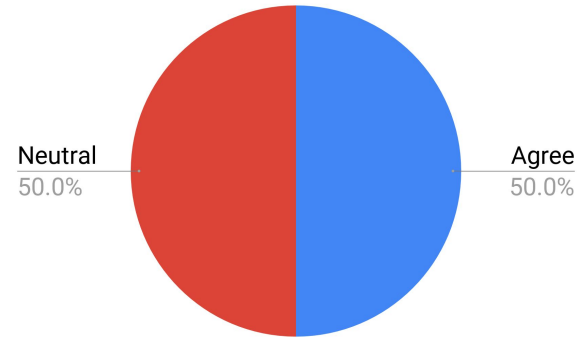
This application was easy to perform the task

Strongly agree: 100%

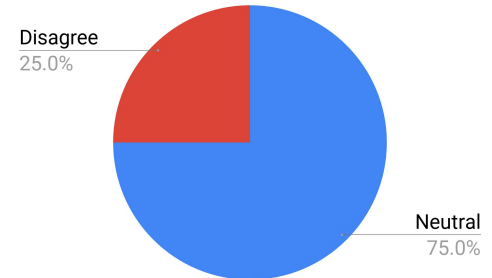
I enjoy using this application

Agree: 100%

I will use this application again



I will recommend this app to my friends



Bugs & Issues

1. No input verification of latitude

Description: User can input a negative latitude and successfully submit

Severity: Small

2. Download function is not finished

Description: Scientist can only view the data

Severity: Small

Recommendations

- Add input verification for latitude
 - Maybe add some tips if user enter an invalid input
- Finish download function in scientist view page
 - Make sure downloaded data are consistent with the original data
- Add more functions for common users
 - Provide berry map for common users

For more details on Usability test report

<http://www.csl.mtu.edu/classes/cs4760/www/projects/s20/grad2/www/>