
Usability Testing

This is a group assignment

Purpose:

The purpose of this assignment is to perform usability testing for your final visualization.

Tasks:

You will perform a usability test for your final project visualization. It is okay if your visualization is not complete yet, you can think of this as a medium- or high-fidelity usability test.

****Nothing is due today; however you are expected to include an overview of your usability testing in your final project report****

1. Design Experiment

Design your usability test. You will need to decide:

- What specific tasks you will ask participants to perform
- What data you will collect as participants complete those tasks

Record the details of your experiment. You should be able to provide reasoning/rationale for each of the tasks you chose and the data you will collect.

2. Run Experiment

Pair up with one or two other groups. Act as participants in each other's usability tests. Remember to collect and record data as participants move through your experiment.

3. Analyze Results

Analyze the data you collected in your usability test. What take-aways are there from it? For example, did you learn that any parts of your visualization are particularly well-designed? Did you learn any parts are hard to use?

Based on your results, what changes would you ideally make to your final visualization design? What changes can you feasibly make in the time you have to finish your implementation?

Record your analysis and outcomes. You will need to write up the results of your usability study and the design changes you made based on it in your final project report.