

HW9: Heuristic Evaluation

50 points possible

SWE 432 Fall 2017

Due: 11/21 before the start of class

In this assignment, you will conduct a Heuristic Evaluation of the usability of your app, identifying at least 6 possible usability issues for your web app and fixing at least 4 of these issues. The 6 issues should include at least 6 of the 10 usability heuristics (it's ok if a single issue encompasses more than one heuristic).

Step 1: Identifying Usability Issues (18 pts)

You should focus your inspection on the areas of app behavior encompassed by the scenarios that you have working. For each potential usability issue you identify, you should describe (1) the number and name of the violated heuristic, (2) screenshot(s) providing evidence of the specified issue (circles and arrows pointing out the issue can be helpful, if applicable) (3) a short paragraph briefly describing the app behavior and clearly explaining how the heuristic has been violated.

You will be graded primarily on the thoroughness of your evaluation - that you correctly apply heuristic evaluation, apply 6 of the 10 usability heuristics, and adequately describe how they do (or do not) apply to your app.

Step 2: Addressing Usability Issues (32 pts)

In Step 2, you will address 4 of the 6 usability issues you identified in Step 1. For each issue, you should design and implement a change to your app's behavior that resolves the issue. To explain the change that you made, you should write a short paragraph describing how the behavior of your app changed and how this change resolves the usability issue. Also include a screenshot showing the new, revised feature (distinguished from the screenshot of the feature before revision).

Submission instructions

1. Submit your HW through Blackboard. Only one partner needs to submit the HW assignment. The HW assignment submission should consist of a Zip file containing all of the files in your project. The submission should also include a pdf or txt file (1) listing the names of both group members, (2) the URL of your deployed web app on Heroku, (3) describing the 6 usability issues you identified and (4) how the four changes you made addressed four of these 6 usability issues.
2. If you are working in a group, submit a statement of contributions through Blackboard. Both partners will separately write a 1 - 2 paragraph statement describing how each of the group members contributed to this HW assignment. This may be submitted as a pdf or word document.

hw9

Updated 10 days ago by Thomas LaToza

followup discussions *for lingering questions and comments*