

CS361: Assignment 4: UI Design with the CSH (for Milestone #1)

# Overview

Part 2 of your plan for Milestone #1: Design your UI. This is NOT required to be graphical (e.g., could be text-based).

# Instructions

Complete each item below by replacing the highlighted text (**Usability note**: double-click the text to select it).

Create a **paper prototype** of Milestone #1’s UI design. **Low-fidelity** is acceptable and appropriate. Make your UI design **reflect all the CSH**.

Requirements for paper prototype:

* Show **every** screen / **user-facing view**
* Indicate **what** users can interact **with** (Ex: make buttons look buttony)
* Indicate **how** users interact if it’s not obvious (Ex: arrows to show an element can be rotated)
* Indicate **what happens** when users interact (Ex: a modal appears)
* Must have **no obvious violations of the CSH**. Graders will look at your work but won’t spend all day scrutinizing it!

Doesn’t have to be a *graphical* user interface. Can be text-based / speech-controlled / a robot / etc. (but don’t design a robot if you can’t implement a robot during the remainder of this term!)

You can change your design later if you want to.

1. Paste **scans / photos / screenshots** of your paper prototype below.

| *MultipleImages* |
| --- |

1. How does your design **reflect each CSH**? (1+ sentence per CSH)

| **CSH** | **How your design reflects it** |
| --- | --- |
| **1: Explain the *benefits* of using new and existing features** | *OneOrMoreSentence* |
| **2: Explain the *costs* of using new and existing features** | *OneOrMoreSentence* |
| **3: Let people gather as much information as they want, and no more than they want** | *OneOrMoreSentence* |
| **4: Keep familiar features available** | *OneOrMoreSentence* |
| **5: Make undo/redo and backtracking available** | *OneOrMoreSentence* |
| **6: Provide an explicit path through the task** | *OneOrMoreSentence* |
| **7: Provide ways to try out different approaches** | *OneOrMoreSentence* |
| **8: Encourage tinkerers to tinker mindfully** | *OneOrMoreSentence* |

Now that you have a plan, begin implementation!

# Submission

PDF or Word format via Canvas.

You must follow instructions at Modules > 'HOW TO: Attach a Document to "Text Entry" Field'.

# Grading

You are responsible for satisfying all criteria listed in the Canvas rubric for this assignment. You will be able to revise this assignment if you miss points.

# Questions?

Please ask via Ed so that others can benefit from the answer.