**Assignment Overview**

Students will be required to do a *short* prototype and card sorting exercise. You will choose a screen interface (a website or a software application) that you think is poorly designed and create a card sort and report the results. The student should create a new screen prototype for what they think it should look like, using any type of digital diagramming tool or approach.

**Instructions:**

For this assignment you will need to have a minimum of 2 participants for user feedback (preferably with different backgrounds and/or demographics (e.g., age, education background, race).

1. Choose any single screen interface (web or software application) that you think needs improvement.
   1. What interface did you choose?
   2. Why do you think that it’s poorly designed (write a few sentences)?
   3. You **MUST** include a screen shot of the current version.
2. Based on the content (menu choices or other options) on the existing current version screen, create a card sorting exercise. Make sure to use a different color font or colored cards and ensure that the text is readable.
   1. Describe how you performed the card sorting exercise.
   2. Who would be a typical user of this website – describe the population characteristics? Please make sure that the graphic quality is clear and legible.
   3. What did you learn from the card sorting?
3. Given your thoughts on why the screen interface was bad based on the data from the card sorting exercise:
   1. Please provide a prototype drawing (using any technical tool), for how you would improve the interface.
   2. You **MUST** use arrows to call out the specific features that are improvements, and write a paragraph describing the specific improvements.

**Assignment FAQs**

* When is this due?
  + Sunday, September 29th, 2024 at 11:59pm
* What online digital tools do you recommend to create a prototype with?
  + Visily.ai
  + Word
  + Moqups
  + FluidUI
  + ProtoPie
* Is there a template to work from?
  + Yes, there is a template posted on BB in the Assignments folder.
* Is there an example of the assignment I can review?
  + Yes, there is an example posted on BB in the Assignments folder.