

## Milestone #2: Feature Design and Prototype (Low Fidelity) CS325 - Fall 2022

This document describes the process of preparing and submitting the second deliverable of your team projects.

### Deadline:

1. Presentation - November 3, 2021 11:59 P.M. EDT.
2. Report - November 10, 2021 11:59 P.M. EDT.

**Platform:** One member of each team needs to submit this report on Gradescope. **Make sure you add all group members during submission.**

**File Format: LaTeX PDF.** Latex is a high-quality typesetting system that is extremely useful for technical and scientific writing. It is highly regarded as one of the essential skills to have if you are involved in any formal or academic writing.

There are various ways to write a document in LaTeX. We highly recommend using **Overleaf** (<https://www.overleaf.com/>) as it is a well-documented free platform-independent collaborative writing environment, perfect for group projects.

For the deliverables, we will use the **CHI double-column conference format**. If you are using overleaf, click the following link, and then click Open as Template (<https://www.overleaf.com/latex/templates/acm-conference-proceedings-master-template/pnrfvrrdbfwt>). Select the **simple-sigconf.tex** file from the sidebar. Use this file to write your deliverables reports.

**Page Format:** Maximum 4 pages + 1 page for reference. You do not have to fill up all 4 pages with contents and 1 full page with reference. **Your goal for deliverables should be to clearly convey your ideas, methods, and results.** If you manage that using fewer pages, it's perfectly fine.

### Structure:

1. **[10 points] Features (About 1 page):** For each of the 3 tasks you described in the previous milestone:
  - a. Specify at least 1 feature that you will design and implement that will help your users perform this task. You can specify more than one feature for each task.
  - b. For each specified feature, justify how adding this feature will help the users perform their tasks.
2. **Note:** If you wish to modify the tasks from the previous milestone in light of feedback that you received, please complete this section using your new, updated tasks.

3. **10 points] Low-Fidelity Prototype (About 3 pages):** Develop a low-fidelity prototype for the 3 chosen tasks. Your prototype should illustrate how your system would appear to the user and work as a whole. Make sure to include interactions based upon the key tasks you have already identified. It may take the form of a paper prototype, storyboard, scripted slideshow. You can also create your prototype using a prototyping platform of your choice such as Figma - <https://www.figma.com/>, InVision - <https://www.invisionapp.com/>, or similar.

**You should not be concentrating on beauty or completeness;** rather, you are trying to show the overall interaction style and to indicate the scope of your system. The low-fi prototype does not need to capture every little detail, but it should capture the details that will dominate the user experience.

Document your low-fi prototype using photographs or screenshots. These images should document the main components of your design and show how the prototype supports your task examples. Include annotations and labels as appropriate to ensure that the demonstration is easy to understand. You will likely need to take multiple images and combine them into a collage. **Make sure that your final collage is legible for us to read, understand, and grade.**

**With your collage, write 1-2 paragraphs describing:**

- What tools did you use to make your prototype,
- What interactions and tasks are supported/depicted,
- What did you learn about your project/direction through the creation of the low-fidelity prototype?