

CS798H; 2024-2025 Sem-2

Project Milestone-3 Requirements

Due: April 18th, 2025

1. What do do:

This milestone is about transitioning from user-research/needfinding to prototyping/making. Based on your needfinding insights, this phase involves developing a prototype or building out core functionality for engineering-oriented projects. Your submission should reflect design or engineering decisions grounded in real user needs and include the first version of your system or interface.

2. What do do:

- a. Translate needs to concrete prototypes (features, screens, experiences) or technical action (if you already did prototypes for your previous phase).
- b. Make sure the prototypes are complete.
- c. Mention an evaluation plan.

3. What to turn in?

- a. 1 PDF per team, with team member names.
- b. Summarize goals, and your needfinding summary (list of features needed, constraints, priorities, etc.) – just a reasonable list is enough.
- c. Any revisions you had to make (e.g., which ones you implemented, which ones you had to leave out, cut corners, etc.) along with reasons.
- d. List down how you translate your requirements to features / elements of the prototype.
- e. Your medium/high-fidelity prototypes (legible and well-labeled).
 - i. Describe design decisions and link them to user needs.
 - ii. Show your user flows, screenflows, etc, for each action/pathway user takes. Alternatively, turn in short videos explaining each workflow. Don't turn in a jumble of screens – grader will not do the job of trying to understand.
 - iii. If your prototype is not clear, you will lose grades.
 - iv. Ideally, you shouldn't have to document them, they should be self-explanatory.
 - v. Mention how you are doing on the timeline.
 - vi. A plan for your evaluation (questions for evaluation, tentative tasks, methods and suitability along with details, how many participants and who, etc.)
- f. For technical implementation prototypes:
 - i. A first working version of the system (deployed, or as screenshots/short videos).
 - ii. Highlight what parts have been implemented, and what is pending in your requirements.
 - iii. Include screenshots, code links, and/or deployment info.
 - iv. You can also include GitHub links, documentation, or.

4. The next milestone will be your final presentation (slots to be made available for the finals week).

- a. You should have done your evaluation, bring its results along with how you will change your prototypes to fix those issues.
- b. There will be an individual viva on various parts of the project.