

# Assignment 7: Usability Evaluation

Due on: Nov 21, 2025, 20:00

## Assignment Question and Instructions

As mentioned in class,

please upload your final report (PDF) to the course submission folder by 21st, 2000 hours (8pm).

You have already submitted earlier milestones covering problem framing, design rationale, prototypes, and explainability choices.

The final report focuses on the evaluation of your prototype/application.

Your report must include:

### (a) Evaluation of Your Interface and Explainability Features

- Evaluate the final prototype you submitted previously.
- This includes UI/UX features *and* your explainability components (global/local explanations, model transparency mechanisms, etc.).
- You may choose any evaluation method appropriate to your project (e.g., usability testing, heuristic evaluation, think-aloud, cognitive walkthrough, structured interviews).
- Whatever method you choose, it must be systematic and grounded in established practice.

### (b) Evaluation Methodology

- Describe *why* you chose your evaluation method.
- Explain how you conducted it: procedure, participants, tasks, and data collected. [Or, who conducted heuristic evaluation, etc., or choice of personas for cognitive walkthrough].

### (c) Findings

- Present what you discovered—issues, observations, surprises, breakdowns, and user perceptions.
- Be clear and concise, with examples.

### (d) Improvements

- Based on the findings, explain what you would change or redesign.
- These can be UI-level, conceptual, or relate to explainability design choices.

### (e) Reflections

- Reflect on the evaluation method you chose:
  - What worked well?
  - What did not?
  - What would you do differently next time?

### (f) Evidence (Mandatory)

Please include evidence of your evaluation, such as:

- study notes
- logs or protocols

- screenshots/photos
- anonymized user quotes
- video clips (upload externally and link if needed)

This evidence helps demonstrate systematicity and completeness.

Ensure the report is well-written, coherent, and appropriately ties decisions to evidence.

Note: Be systematic in your methods. Ad-hoc, cherrypicking will be considered sloppy evaluation.