

# CSE 347/547 | DES306/525: Usable Security and Privacy

## Assignment I (100 Points)

Due: 2359hrs Sept. 16 2025

**Plagiarism policies will be strictly enforced.**

***This is an Individual Assignment***

The objective of this assignment focuses on skilling you for your course project. You are required to conduct usability studies for a *Campus Grievance Redressal Portal*. Minimum survey size would be five.

- Create a **low-fidelity prototype**, depicting the UI design
- Also create a **protocol design/workflow** of the project (what steps must the user follow to perform a particular task)
- Now, make use of **primary** and **secondary design research methods** to collect data from a variety of users (it is up to you to decide the audience and the demographic on which you want to conduct the user research)

Primary research consists of **surveys, interviews, contextual inquiries** etc, whereas secondary research methods involve **literature reviews, comparative analyses** etc.

**(Design methods and the questions you use are up to you, the goal is to conduct user studies in order to understand how to make your project as usable as possible, so ask the relevant questions)**

After collecting the data from these methods, **compile and analyse them**. Using MIRO boards(<https://miro.com/>) for compiling insights (**mind maps, SWOT analysis etc**) is a good way to present what you have concluded from these user studies, instead of plaintext paragraphs.

Your final deliverable for this assignment will be a **Usability Study Report**, which must include

1. Your project details
2. Link to low-fidelity prototype
3. Link to protocol design flowchart
4. Link to/compilation of primary and secondary research methods you have used and their results
5. Insights and conclusions drawn from user research, either in the form of MIRO boards or any other way of presentation you deem appropriate.