

## CSE 325 (Assignment-1)

In this assignment, you will create a set of use case and test-case pairs for a real-world application. Use cases describe the interactions between users and the system to achieve specific goals, while test cases validate the system's functionality based on these interactions. This exercise will enhance your understanding of system requirements and how to translate them into actionable tests, which is crucial in software development.

[Here](#) is the list of applications assigned to each group. We maintained the group formations from the sessional course CSE326. **You have to ensure each team member equally participates in the assignment with at least one use case and corresponding test cases.**

Each use case can have multiple test cases based on different scenarios. Ensure that your test cases account for negative/corner cases as well where expected conditions are not met, and the system has to respond to invalid/unusual inputs. To deserve the full credit, **you will have to cover all the major use cases and corresponding test cases for the application.**

If any group faces a valid challenge with the assigned application (e.g., accessibility issues), they may propose an alternative application and work on it. The alternative application must be unique and distinct from the others to earn proper credit.

[Here](#) is an example of use-case and test-case pairs for a Student Management System. Follow this JSON format for your assignment. To know more about JSON files, have a look at this [link](#).

**Deadline: 27 September 2024**

### Attachments:

1. Application List for Assignment:  
<https://docs.google.com/spreadsheets/d/1pntSOCH4nrFhF5sLX0vZYrWimNZnkbashy7vN0azQPg/edit?usp=sharing>
2. Example of Use-case Test-case Pairs:  
<https://drive.google.com/file/d/1mGlbSyMPzsCH6hsJGi3p0B0W7oN23qoM/view?usp=sharing>
3. JSON File Format: <https://blog.hubspot.com/website/json-files>