CIS3750 - Lab 3

In this lab, you will:

1. Finalize requirements for your Intelligent Tutoring System (ITS).
2. Identify use cases that emerge from those requirements.
3. Start creating a paper prototype for early usability testing.

This lab builds on the user stories and requirements brainstorming from Lab 2.

Part 1 - Finalize Requirements (~ 45 min)

Work in your group to document requirements for your Intelligent Tutoring System (ITS).

Identify and Document Requirements

- Review your user stories from Lab 2.
- Write requirements using the template provided in class (clear, specific, testable).
- Include both:
    - **Functional Requirements** → what the system must do.
    - **Non-Functional Requirements** → performance, usability, reliability, security, etc.

Categorize and Prioritize Requirements

- Use the **MuSCoW** method to categorize your requirements
- Using the categories and priorities you identified in Lab 2 bin your requirements by priority as discussed in class
- Order your requirements considering dependencies.

Document in GitHub Repo
- Add a file *lab3.md* to your project repo
- Update the *lab3.md* file with your requirements.

Part 2 - Use Cases and Paper Prototyping (~ 45 min)

Work in your group to identify use cases for your Intelligent Tutoring System (ITS). Use the user stories from Lab 2 as a starting point to help you identify use cases.

Identify use cases (~15 min)
- Read through your user stories
- Identify 10 - 15 use cases that are significant for your project

Paper Prototyping (~20 min)
- Select **5 use cases** that you would like to test during the paper prototyping session next week
- Create paper sketches of the screens needed to complete them

Document in GitHub Repo (~10 min)
- Update the *lab3.md* file with your use cases. A brief use case description is enough for this lab.