SE2030 - Software Engineering
Lab Sheet 02
Agile Development

Lab Duration: 2 Hours

Objective: To collaboratively apply Agile principles using the Scrum framework to your group project.

Instructions

1. Get into your pre-assigned 6-member groups.

2. You must use the same project topic assigned to you in the previous lab

3. According to the personas you have identified through Lab 01, please write 4 user stories for each persona with relevant to the topic you got. (Use 6 Personas)
   Example:
   > Topic: Library Management System
   > Persona: Student
   > User Story:
   >> 1. As a Student I want to borrow books So that I can improve my knowledge.

4. According to your topic, please assign SCRUM Roles among your group members.
   a. Product Owner
   b. Scrum Master
   c. Developers (4 members)

5. Prepare your Product Backlog:
   a. List of user stories
   b. Assigned priorities

6. Plan your First, Second, Third and Fourth sprints:
   a. According to the priorities that you have identified, divide them into 4 sprints

7. Create a Group Report that includes:
   a. Group ID, Topic Name, Group Members
   b. Minimum 4 user stories for each persona
   c. Product Backlog Table
   d. Sprint Plan
   e. Task assignments and ownership per member

8. Submit your report to courseweb before the end of the lab.
   File Name Format: BatchNumber_GroupID_Scrum.pdf

Submission Checklist (To Be Included in the report)

- Group Details
- Identified Personas
- Minimum 4 user stories included for each persona
- Product backlog with priorities
- Sprint backlog with task assignments
- Report should be clear, structured, and completed