IS 384 – Cloud and DevOps

Deadline 10-Jan-2025

Group Assignment

- Each student takes a Scrum role:
  - Product Owner
  - Scrum Master
  - Developer(s) e.g Developer 1, Developer 2 etc

Scenario

Your team is developing a **Cloud-Based Task Management App.**
The app should allow:
- Creating tasks
- Assigning tasks to users
- Tracking task completion

Your team will plan and simulate a 1-sprint Scrum workflow.

Part A: Scrum Overview

Create a file named: **scrum-overview.md**
Include:
1. Scrum Roles – List members and roles
2. Scrum Events – Plan for Sprint Planning, Daily Scrum, Sprint Review, Retrospective
3. Scrum Artifacts – Product Backlog, Sprint Backlog, Increment

Part B: Sprint Plan

Create a file named: **sprint-plan.md**
Include:
1. Product Backlog – List 5 tasks for the app, e.g.,
   - Add new task
   - Assign task to user
   - Mark task complete
   - Display task list
   - Notifications

2. Sprint Goal – Write a 1–2 sentence goal for the sprint
3. Definition of Done (DoD) – 2–4 criteria, e.g., code pushed, tests passed, documentation updated

Part C: Git Submission

- One member creates a **github repository**:
  is384-scrum-task-app-<programme-name>-<group-number>

- Repository structure:

is384-scrum-task-app-ism-02/

```
│
├── README.md
├── scrum-overview.md
└── sprint-plan.md
```

- Each member creates a branch:
  feature/<registration-number>
- Each member makes **at least 1 commit.**
- Open a **Pull Request** to merge to main branch.

- **README.md** must include:
  - Project title.
  - Group members and roles.
  - Short description.

Submission

- Each group must invite instructor as a collaborator with access to their github repository. Instructor github username: **christiansolomon**
- Repository must show:
  - Multiple Branches.
  - Commits from all members.
  - Pull Requests.

NB

- One student committing everything = **penalty.**
- Late commits after deadline = **not marked.**
- Late invitations or repository without access = **not marked.**
- Copy-paste across groups = **zero marks.**