Assignment 3
Iterative & Incremental Development

Objectives
- Establish and practice scrum activities.
- Through a one-week sprint, practice the main scrum activities: Planning, Execution, Review, and Retrospective.
- Learn how to use Gitlab Issues.
- Work with git and apply git process best practices.

Assignment Deliverables

Preparation
- You have an improved version of the product backlog based on the feedback from your customer in the 2nd meeting.
- Further groom the backlog to make it ready for the sprint meeting
- Enter your product backlog in Gitlab, arrange a Kanban board with separate lists for Product backlog, Sprint backlog, and Done.
- Populate the sprint backlog, convert the items into issues and create a milestone corresponding to your sprint backlog.
- Establish a git process including the branching rules, commit messages format, pull requests review, and other aspects.
- Execute the sprint.
- Conduct a sprint review and finalize the milestone.
- Conduct a sprint retrospective.
- Meet your customer during the week to synchronize the progress.

Deliverables
Submit a PDF containing the following:
- Link to the git repository with the issues board.
- Improved product backlog.
- Git process description.
- The sprint goal and backlog.
- The summary of what was the outcome of the sprint.

- The link to the milestone with complete issues and the corresponding pull requests.
- Report on the retrospective.

Guidance
- Analyze the product backlog and choose user stories that might be implemented in the first sprint. Remember that it is hard to choose the correct amount of work for your first sprint (your estimation will become more accurate over time), so try your best.
- Split the user stories for the sprint backlog into tasks and let the teammates choose the tasks.
- There shouldn't be any unassigned tasks left in the sprint backlog.
- Use Gitlab Issues as your management tool.
- Use illustrative examples from the project when discussing your delivery. Present your process first: "what went well?", "what needs to be improved", "what you will start doing or improve".
- Feel free to invite the customer to the sprint review meeting. If it's not possible, then just synchronize the progress during the sprint, and share with them the report after concluding the sprint.

Evaluation Criteria
Your Sprint delivery will be evaluated based on:
- How well-structured and DEEP your backlog is.
- The sprint execution: goal, sprint backlog, review, & retrospective.
- Your Git workflow process.
- Correspondence between your submission & the Gitlab repository.