Group 1 – Sprint 7 Planning Report

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Sprint 7 Goals

- Verify system performance under different loads and document results.
- Evaluate usability through heuristic review and propose improvements.
- Confirm requirements via acceptance testing and report outcomes.
- Document architecture with UML models and supporting materials.

Sprint Duration

- 2 weeks

Planned Tasks

1. **Performance Testing**
   - Perform performance testing to evaluate the system's responsiveness under varying load conditions.
   - Document the testing process and produce a comprehensive report of the results.

2. **Heuristic Evaluation**
   - Conduct a heuristic evaluation of the final project to identify usability issues.
   - Summarize findings and provide possible recommendations for improvement.

3. **Acceptance Testing**
   - Execute the acceptance test prepared during the last sprint.
   - Record the outcomes and compile a detailed result report.

4. **Architecture Design Documentation**
   - Develop UML models, including sequence diagrams, interface/package diagrams, and state diagrams.
   - Prepare supporting architectural documentation to ensure clarity and maintainability.

Sprint Success Measurement

- **Task Completion:** Ensure all Jira board tasks are categorized correctly (To Do, InProgress, Done)
- **Sprint Backlog Status:** Monitor progress of planned user stories (Completed user stories, In-progress user stories, Postponed user stories)
- **Obstacle Identification:** Document any challenges faced and outline solutions or pending issues.

Links:

[Project Jira](#)

https://rikukaartoaho-

1755679798806.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog

[Project Plan](#)

https://github.com/vickneee/SEP-R1/blob/main/documents/SEP1-

ProjectPlanRyhm%C3%A41.pdf

[Project Vision](#)

https://github.com/vickneee/SEP-R1/blob/main/documents/SEP1-

ProjectVisionRyhm%C3%A41.pdf

[Figma UI Prototyping](#)

https://www.figma.com/design/pzKWLdwl0qDaUedtmmVdAp/Library-System-
Design?nodeid=0-1&p=f&m=draw

[Project repository](#)

https://github.com/vickneee/SEP-R1