

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.

<input type="checkbox"/>	SCRUM Sprint 7	19 Nov – 3 Dec (6 work items)	0	0	0	Complete sprint	...
<input checked="" type="checkbox"/>	SCRUM-103	Architecture Design Documentation: Update system design artifacts, including ER Diagrams and UML models.	IN PROGRESS	MK			
<input checked="" type="checkbox"/>	SCRUM-75	Translated text validation russian	IN PROGRESS	V			
<input checked="" type="checkbox"/>	SCRUM-74	Translated text validation japanese	IN PROGRESS	MK			
<input checked="" type="checkbox"/>	SCRUM-112	Conduct the acceptance test and create the result report	TO DO	RT			
<input checked="" type="checkbox"/>	SCRUM-114	Conduct performance testing to assess the system's responsiveness under various loads, and make report about overview of resu...	TO DO	V			
<input checked="" type="checkbox"/>	SCRUM-115	Conduct Heuristic evaluation of the final project and wright the result report	TO DO	MK			
+ Create							

Links:

[Project Jira](#)

<https://rikukaartoaho->

<https://1755679798806.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog>

[Project Plan](#)

<https://github.com/vickneeee/SEP-R1/blob/main/documents/SEP1->

[ProjectPlanRyh%C3%A41.pdf](#)

[Project Vision](#)

<https://github.com/vickneeee/SEP-R1/blob/main/documents/SEP1->

[ProjectVisionRyh%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/vickneeee/SEP-R1>