# **Group 1 – Sprint 3 Planning Report**

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# **Sprint 3 Goals**

- To implement key frontend features that are missing.
- To develop and integrate CI/CD pipeline.
- To enhance automated unit & coverage testing.
- To enhance a fully functional integrated backend and frontend.
- To develop and test the Docker image in the local machine.

# **Planned User Stories and Tasks**

### 1. Notifications & Penalty system

- Design a notification system to alert users about due dates.
- Integrate email notification system.
- Implement a functional penalty system for not returning a book on time. (Restricted for future reservations)

#### 2. User Interface Enhancements

- Design and implement the UI for the book information edit page.
- Implement deleting book records as a librarian in the UI.
- Implement the functionality and UI to view and manage users' information from the librarian dashboard.
- Implement the functionality and UI to view and manage customer reservations from the librarian dashboard.
- Implement the functionality and enhance the UI to manage the return or extend the reservation date.
- Enhance the filtering system to display only available books.
- Enhance the available books section to display only available books.

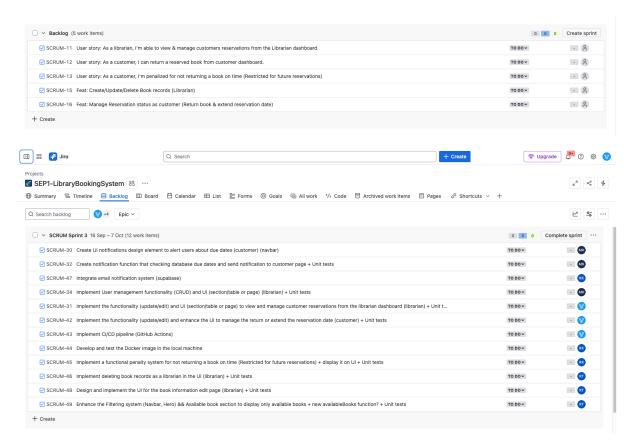
### 3. System Improvements

- Develop and integrate CI/CD pipeline using GitHub Actions.
- Implement tests for all newly added functionalities and features.

## **Sprint Success Measurement**

- **Task Completion:** Ensure all Jira board tasks are categorized correctly (To Do, In Progress, 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.
- User Feedback Gathering: Gather user feedback for seamless system usability.



## Links:

# Project Jira

https://rikukaartoaho-

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

#### Project Plan

https://github.com/rikudi/SEP-R1/blob/main/documents/design/SEP1-ProjectPlanRyhm%C3%A41.pdf

### **Project Vision**

https://github.com/rikudi/SEP-R1/blob/main/documents/design/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/rikudi/SEP-R1