Group 1 – Sprint 2 Review Report

(Riku Kaartoaho, Victoria Vavulina, Riku Toivanen, Monami Kirjavainen)

What has been done in this Sprint:

- Tables were created in the database(Supabase)
- Frontend UI has been created including signup / signin pages, admin / customer side dashboards, homepage, book catalog / detail pages
- Implemented CRUD functionalities for books, signup / signin, authentication, book filtering, book reservation
- Connected frontend UI and backend database
- Backend unit test for signup / signin and book CRUD operations(Jest)
- Frontend unit tests for some sections in homepage(Jest)
- Coverage test

Highlights:

- Supabase for backend database, storage and authentication
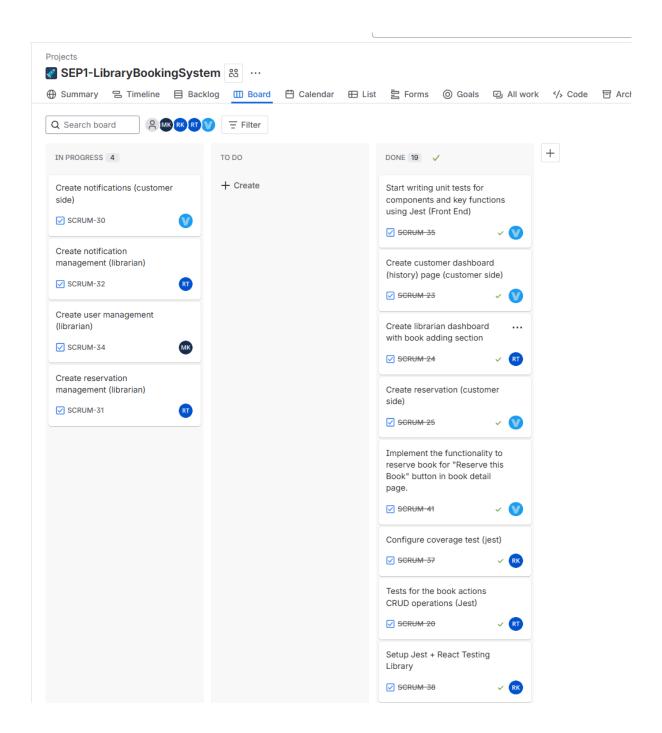- Jest unit test
- Jest coverage test
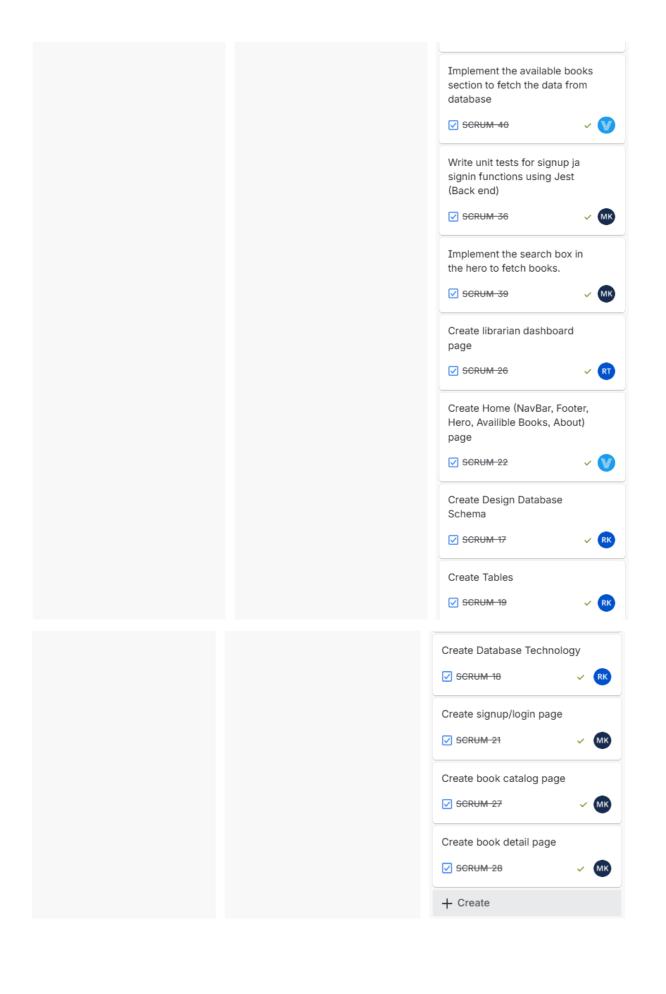- Next.js for frontend

User stories that were covered in Sprint2:

1. User story: As a customer, I can authenticate and view customer dashboard
2. User story: As a librarian, I can authenticate and view librarian dashboard
3. User story: As a customer, I can search/filter/select books for reservation
4. User story: As a librarian, I can perform basic CRUD operations for managing library database (read and add has been completed and backend side for updating and deleting books is completed but not yet frontend side)

User stories postponed for Sprint 3:

1. User story: As a librarian, I can perform basic CRUD operations for managing library database (UPDATE and DELETE OPERATION)
2. User story: As a librarian, I'm able to view & manage customers reservations from the Librarian dashboard
3. User story: As a customer, I can return a reserved book from customer dashboard.
4. User story: As a customer, I'm penalized for not returning a book on time (Restricted for future reservations)

Jira board screenshots from this sprint

Implement the available books
section to fetch the data from
database

☑ SCRUM-40 ✓ V

Write unit tests for signup ja
signin functions using Jest
(Back end)

☑ SCRUM-36 ✓ MK

Implement the search box in
the hero to fetch books.

☑ SCRUM-39 ✓ MK

Create librarian dashboard
page

☑ SCRUM-26 ✓ RT

Create Home (NavBar, Footer,
Hero, Availible Books, About)
page

☑ SCRUM-22 ✓ V

Create Design Database
Schema

☑ SCRUM-17 ✓ RK

Create Tables

☑ SCRUM-19 ✓ RK

Create Database Technology

☑ SCRUM-18 ✓ RK

Create signup/login page

☑ SCRUM-21 ✓ MK

Create book catalog page

☑ SCRUM-27 ✓ MK

Create book detail page

☑ SCRUM-28 ✓ MK

+ Create

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-ProjectPlan-Ryhm%C3%A41.pdf

Project Vision

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

Figma UI Prototyping

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

Project repository

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