

Group 1 – Sprint 2 Planning Report

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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

Projects

SEP1-LibraryBookingSystem

...

Summary

Timeline

Backlog

Board

Calendar

List

Forms

Goals

All work

Code

Arch

Search board

MK

RK

RT

V

Filter

IN PROGRESS 4

Create notifications (customer side)

SCRUM-30

Create notification management (librarian)

SCRUM-32

Create user management (librarian)

SCRUM-34

Create reservation management (librarian)

SCRUM-31

TO DO

+ Create

DONE 19

Start writing unit tests for components and key functions using Jest (Front End)

SCRUM-35

Create customer dashboard (history) page (customer side)

SCRUM-23

Create librarian dashboard with book adding section

SCRUM-24

Create reservation (customer side)

SCRUM-25

Implement the functionality to reserve book for "Reserve this Book" button in book detail page.

SCRUM-41

Configure coverage test (jest)

SCRUM-37

Tests for the book actions CRUD operations (Jest)

SCRUM-20

Setup Jest + React Testing Library

SCRUM-36

		<div>Implement the available books section to fetch the data from database</div> <div><input checked="" type="checkbox"/> SCRUM-40</div> <div>✓</div> <div>TV</div>
		<div>Write unit tests for signup ja signin functions using Jest (Back end)</div> <div><input checked="" type="checkbox"/> SCRUM-36</div> <div>✓</div> <div>MK</div>
		<div>Implement the search box in the hero to fetch books.</div> <div><input checked="" type="checkbox"/> SCRUM-39</div> <div>✓</div> <div>MK</div>
		<div>Create librarian dashboard page</div> <div><input checked="" type="checkbox"/> SCRUM-26</div> <div>✓</div> <div>RT</div>
		<div>Create Home (NavBar, Footer, Hero, Available Books, About) page</div> <div><input checked="" type="checkbox"/> SCRUM-22</div> <div>✓</div> <div>TV</div>
		<div>Create Design Database Schema</div> <div><input checked="" type="checkbox"/> SCRUM-17</div> <div>✓</div> <div>RK</div>
		<div>Create Tables</div> <div><input checked="" type="checkbox"/> SCRUM-19</div> <div>✓</div> <div>RK</div>
		<div>Create Database Technology</div> <div><input checked="" type="checkbox"/> SCRUM-18</div> <div>✓</div> <div>RK</div>
		<div>Create signup/login page</div> <div><input checked="" type="checkbox"/> SCRUM-21</div> <div>✓</div> <div>MK</div>
		<div>Create book catalog page</div> <div><input checked="" type="checkbox"/> SCRUM-27</div> <div>✓</div> <div>MK</div>
		<div>Create book detail page</div> <div><input checked="" type="checkbox"/> SCRUM-28</div> <div>✓</div> <div>MK</div>
		<div>+ Create</div>

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-Ryh%C3%A4.pdf>

Project Vision

<https://github.com/rikudi/SEP-R1/blob/main/documents/design/SEP1-ProjectVision-Ryh%C3%A4.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>