Group 1 – Sprint 2 Planning Report

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Sprint 2 Goals

- To create design database schema
- To create database tables
- To create database technology
- To Implement frontend pages
- To write unit tests for backend and frontend
- To configure coverage test

Planned User Stories and Tasks

1. Main Features

- Feature: Role based authentication (Librarian, customer)
- Feature: Create/Update/Delete Book records (Librarian)
- Feature: Manage Reservation status as customer (Return book & extend reservation date)

2. Features for Librarian

- As a librarian, I can authenticate and view librarian dashboard
- As a librarian, I can perform basic CRUD operations for managing library database (add, update, delete books)
- As a librarian, I'm able to view & manage customers reservations from the Librarian dashboard

3. Features for Customer

- As a customer, I can search/filter/select books for reservation
- As a customer, I can return a reserved book from customer dashboard.
- As a customer, I'm penalized for not returning a book on time (Restricted for future reservations)
- As a customer, I can authenticate and view customer dashboard

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.

Links:

[Project Jira](#)

[Project Plan](#)

[Project Vision](#)

[Figma UI Prototyping](#)

[Project repository](#)