Book Library Project Progress Report  
Last Updated: [17-8-2025]  
GitHub Repository: <https://github.com/belal342/book-library>

### 1. Accomplishments This Week

✅ Project Setup

Initialized React + Vite project

Configured Tailwind CSS

Set up GitHub repository with proper folder structure

Created basic components (App, SearchBar, BookList skeletons)

✅ Core Functionality

Implemented Google Books API connection

Basic search functionality working

Book card rendering with titles/authors

✅ Styling

Responsive grid layout for book listings

Basic mobile-first design approach

### 2. Challenges Faced & Solutions

⚠️ Challenge: API fetch errors

Solution: Added error handling and loading states

⚠️ Challenge: Responsive design inconsistencies

Solution: Used Tailwind's breakpoint prefixes (sm/md/lg)

⚠️ Challenge: State management complexity

Solution: Reorganized component hierarchy

### 3. Next Week's Plan

📅 Week 3 Goals:

1. Enhance Book Details

Create detailed view modal/route

Add description, ratings, publish date

1. Improve UI/UX

Loading skeletons

Search filters (by author/category)

1. Advanced Features

Local storage for favorites

Pagination for search results

1. Testing & Debugging

Cross-browser testing

Mobile usability improvements