

CP3406 Assignment 1 Part A - App Planning Document



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1. Chosen Scenario (from Appendix 1)

Scenario	Book and Reading Tracker
Problem / Opportunity	Readers often struggle to keep track of books they have read, their ongoing reading progress, and books they want to read next. They may also forget their reviews or notes after finishing.
Why it is meaningful	This is meaningful to me because I often read multiple books at the same time and sometimes lose track of my progress. I also like apps that combine multiple useful features. Users can use this application to record or share their reading experiences and their unique insights into the works with others.
Target Audience	Casual readers, book enthusiasts, professional reviewers

2. Related Apps

App Name	Bookmory 	Luna Reading Tracker 	Goodreads 
Platform	Android / iOS	Android / iOS	https://www.goodreads.com/
Strengths	<ul style="list-style-type: none">• Many formatting options• Clean navigation• Appealing layout	<ul style="list-style-type: none">• Clear navigation titles• Rating and review options	<ul style="list-style-type: none">• Large community database• Ratings and recommendations
Weaknesses	<ul style="list-style-type: none">• Layout can feel cluttered• Icons not intuitive• Genre tags only for stats	<ul style="list-style-type: none">• Layout can feel cluttered• Icons not intuitive• Genre tags only for stats	<ul style="list-style-type: none">• Overloaded with social features• Sometimes slow performance
How my app is different	<ul style="list-style-type: none">• Clearer navigation labels• Genre tags used	<ul style="list-style-type: none">• Add virtual bookshelf design	<ul style="list-style-type: none">• Focus on streamlined personal use• Simple recommendation system

	for recommendations <ul style="list-style-type: none"> • More structured home screen 	<ul style="list-style-type: none"> • Support both manual and online search 	
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3. Initial Feature List

Category	Features
User Features	<ul style="list-style-type: none"> • Add and manage books • View book details (title, author, progress)
Core Features	<ul style="list-style-type: none"> • Track reading progress by chapters/pages • Write notes and reviews • Book recommendations based on history/genres
UI Elements	<ul style="list-style-type: none"> • Virtual bookshelf grid layout • Top navigation bar with search & filter • Light/Dark mode toggle

4. Learning Goals & Resources

Concept / Tool	What You Need to Learn	Link to Resource
Room Database	How to store book details and reading progress.	https://developer.android.com/training/data-storage/room
Lists and Grids	How to display books in a bookshelf layout.	https://developer.android.com/jetpack/compose/lists
State Management	How to manage reading progress and notes.	https://developer.android.com/jetpack/compose/state
Navigation	How to move between book list, details, and review pages.	https://developer.android.com/jetpack/compose/navigation
Notifications	How to send reminders for reading goals.	https://developer.android.com/develop/ui/views/notifications