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My Books

Description

My Books helps you keep track of all the books you've read, which you are currently reading and want to read. You can write and store the reviews about the book, so that you can share it with your friends when they ask for opinion on this book.
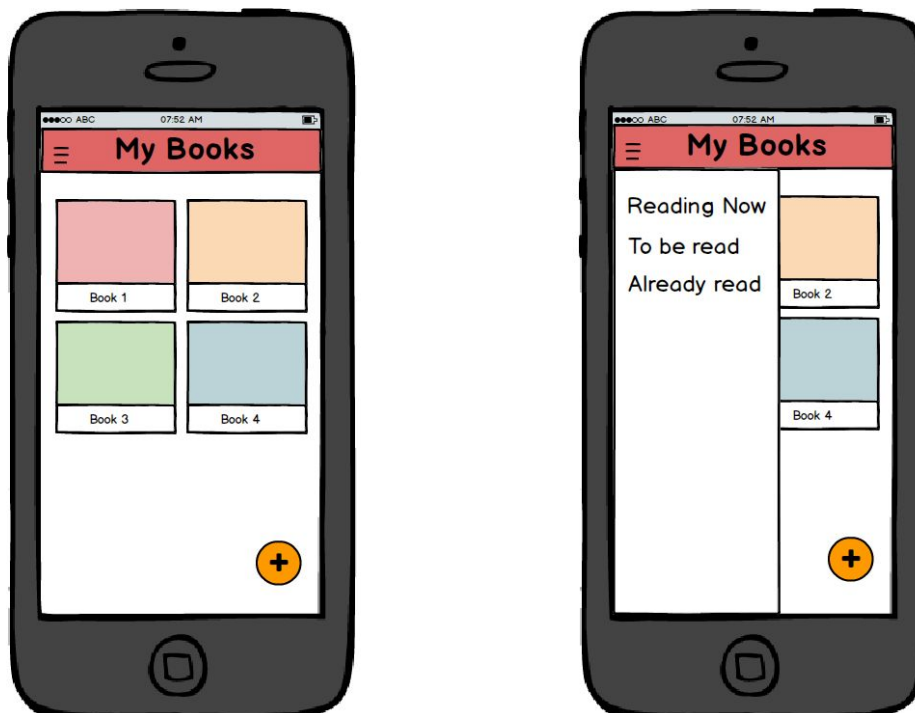
Intended User

This app is for book lovers to keep track of their readings.

Features

- Keep track of all the books you've read, which you are currently reading and want to read.
- Search by ISBN
- Rate the book and share your opinions with friends.
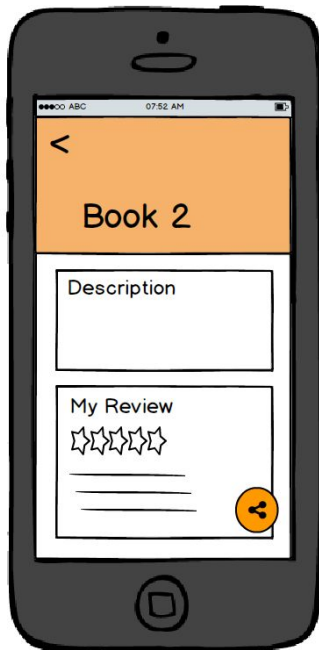- Widget that displays the list of books that you are currently reading.
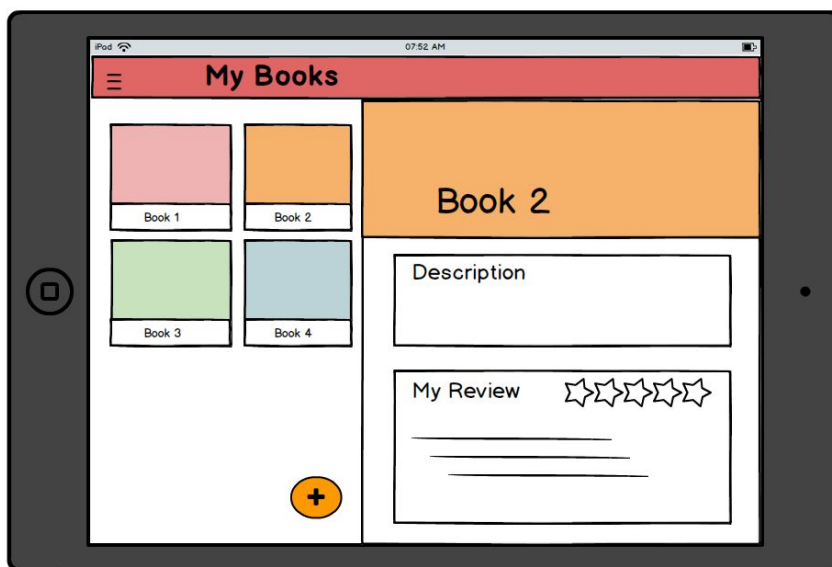
User Interface Mocks

Screen 1

This will be the main screen which displays the list of books added by the user.

Screen 2

This will be the details screen of the book where user can store review and ratings. User can also share his ratings through sms/email from this screen.

Tablet Screen

Key Considerations

How will your app handle data persistence?

App will persist all the added books, reviews and ratings added by the user to the database and the same will be fetched from db when the user reopens the app.

Describe any corner cases in the UX.

- When no books are added, appropriate message should be displayed.
- When there is no internet connection while adding the books, it should be displayed to the user.

Describe any libraries you'll be using and share your reasoning for including them.

- Picasso to handle the loading and caching of images.
- GSON for json handling.
- OkHttp for http calls to fetch book details.

Google Play Services:

- Google Analytics for collecting the data about books.
- Google Ads to target book ads.

Next Steps: Required Tasks

Task 1: Project Setup

- Create new project
- Configure dependencies and libraries
- Add all the required permissions
- Create all the required activities and related classes

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity which shows the list of books in 'To be read'/'Already read'/'Reading now' list.
- Build an UI for the DetailActivity which shows descriptions, your rating, etc
- Build an UI for add and search functionality.
- Create an App icon for the app.

Task 3: Data layer

- Write code for network calls to fetch movie details.
- Write the DB persistence layer to store the data.

Task 4: Test and bug fixes

- Test all the functionality and list out the bugs
- Fix the listed bugs

Task 5: Tablet compatibility

- Add new layouts for Tablet UI

Task 6: App widget

- Add an app widget that displays the books in "Reading Now" list.

Task 7: Integrate with Google Play services

- Add Google admob to display Interstitial and banner ads
- Integrate with Google Analytics

Task 8: Publish on Play Store

- Sign the app and publish on Google Play Store