GitHub Username: **engmagdy87**

Plume

Description

Plume is an app that will help you to find books from Google Books by title, author, and subject then you can add these books to your favorite list.
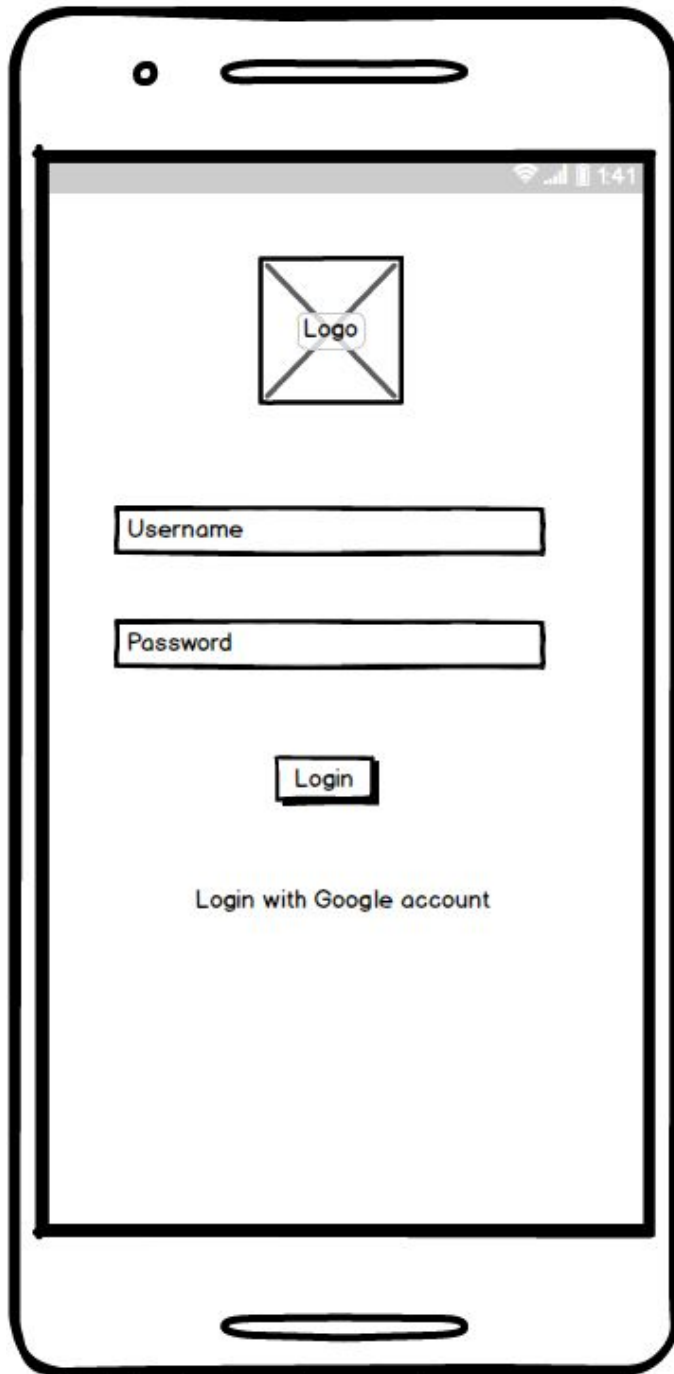Also you can share your books with your friends.

Intended User

Plume targets reading geeks.

Features

- Search for books in "Google Books" by author, title, and subject
- Browse book details
- Add books to favorite list
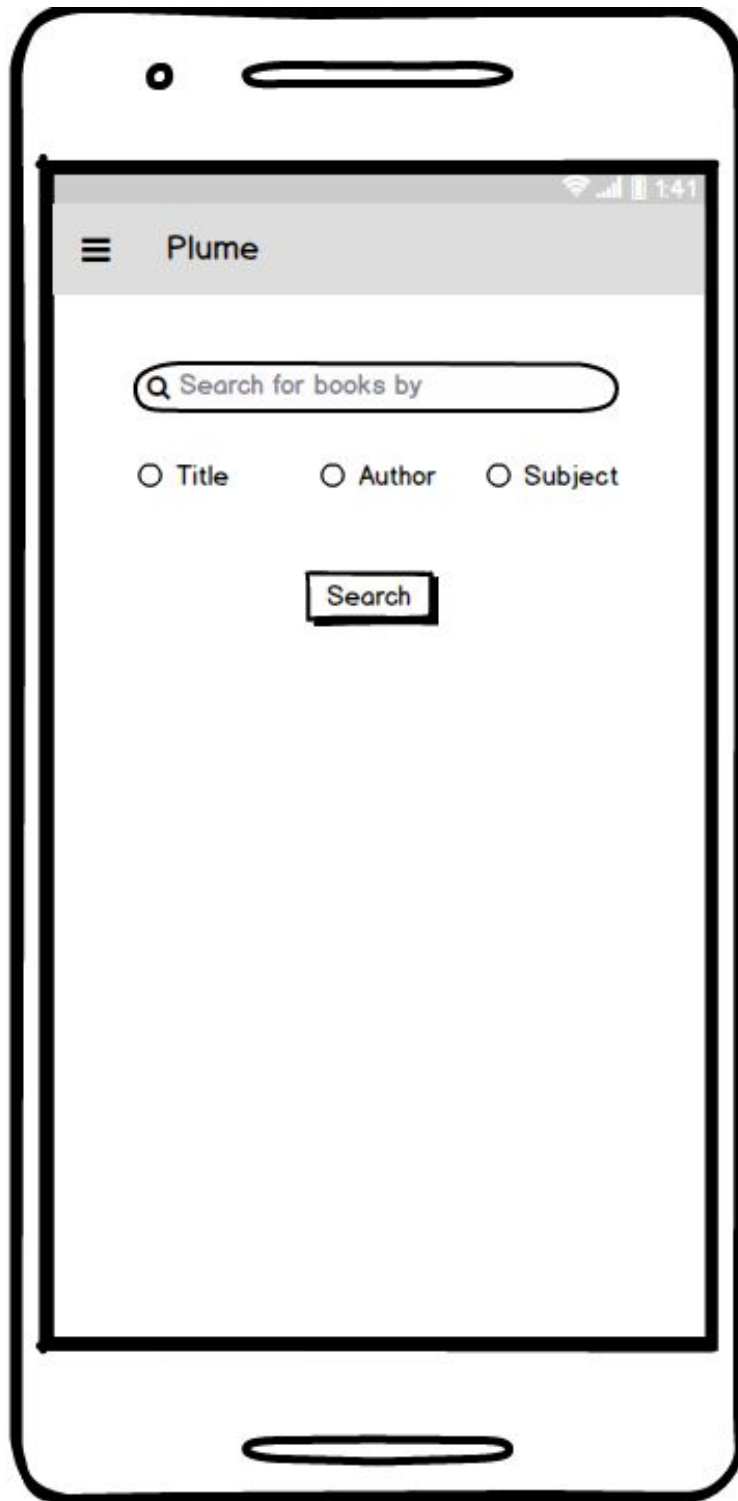- Share book on social media apps
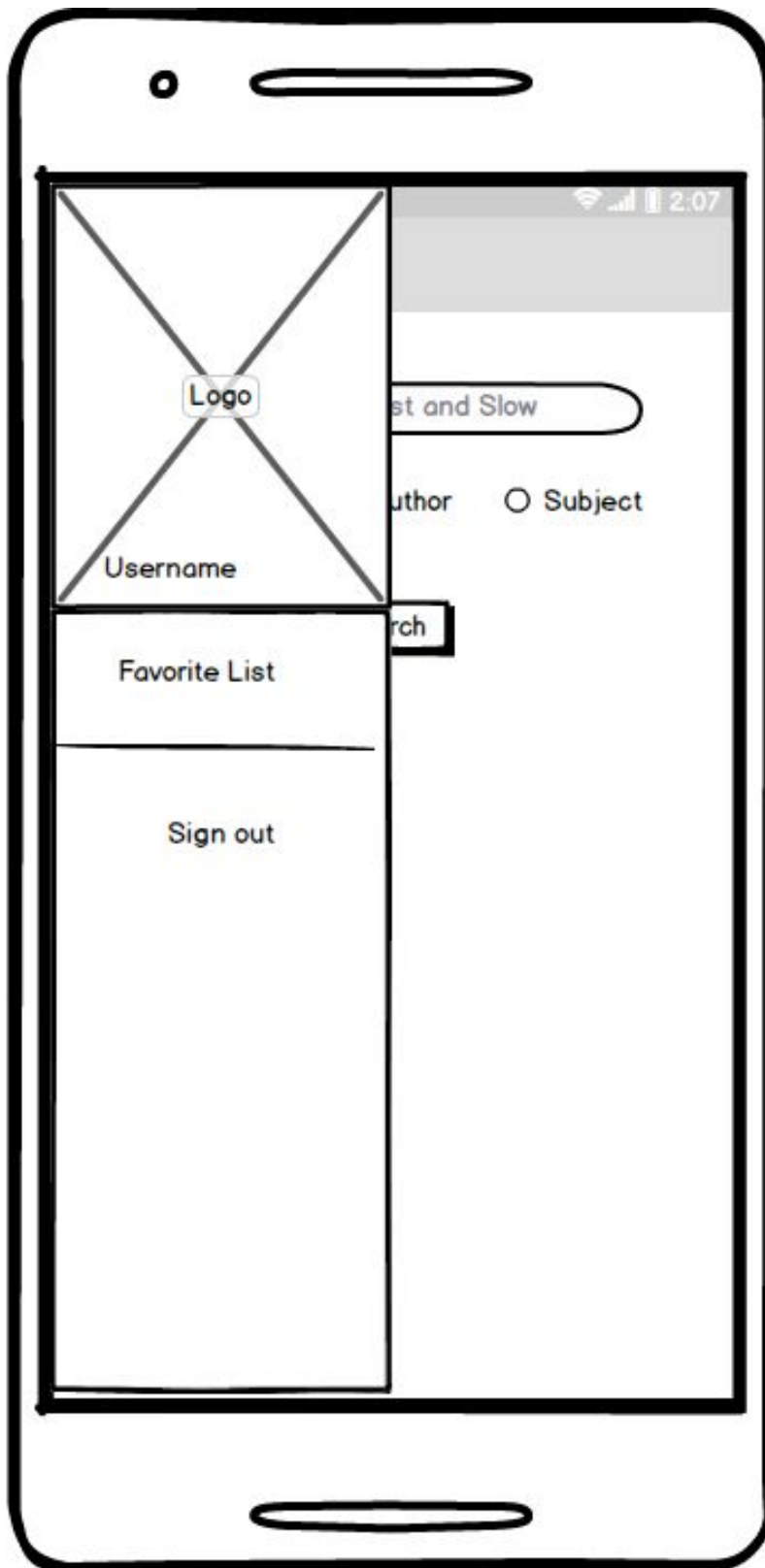
User Interface Mocks

Screen 1

Login activity

Screen 2

Search activity
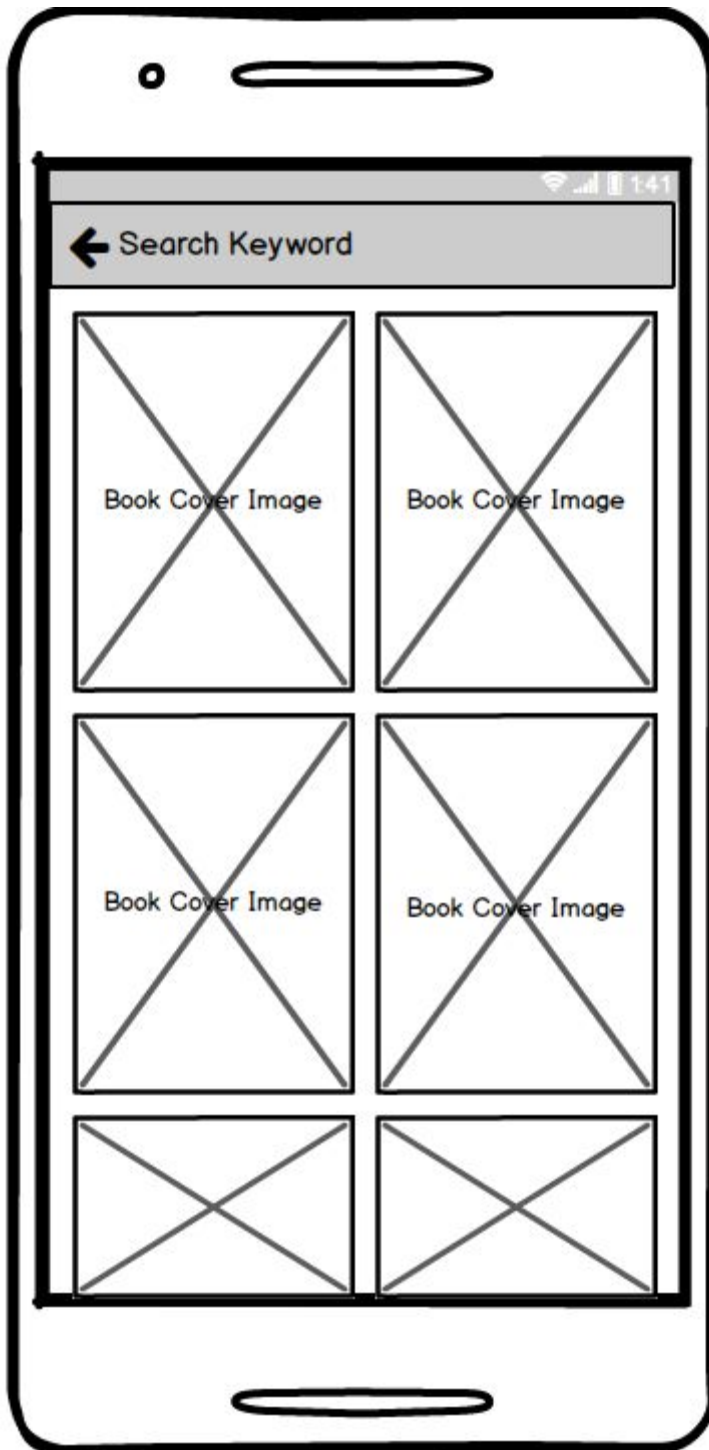
Screen 3

Drawer navigator to show username and browse favorite list

Screen 4

Search result activity

Screen 5

Book Cover Image

Book Title ☆

By author name

ISBN

Categories

Description
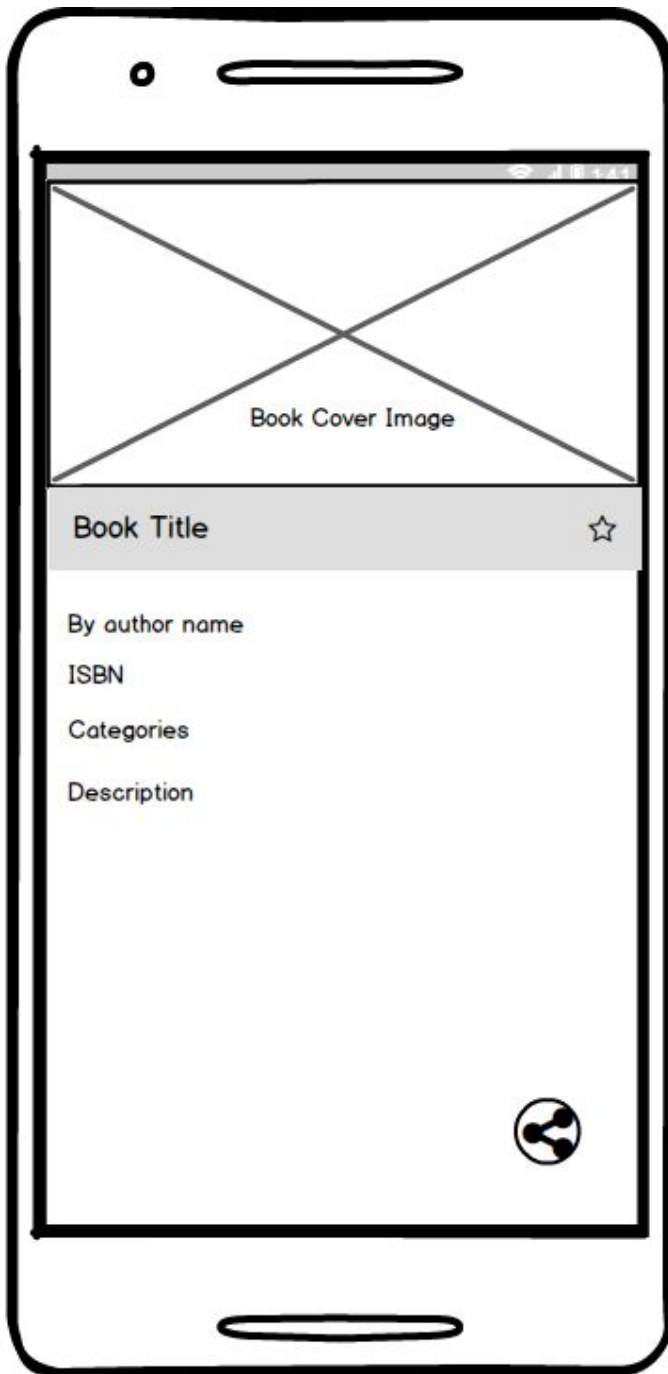
Book details activity has star icon to add book to favorite list and share floating button

Screen 6

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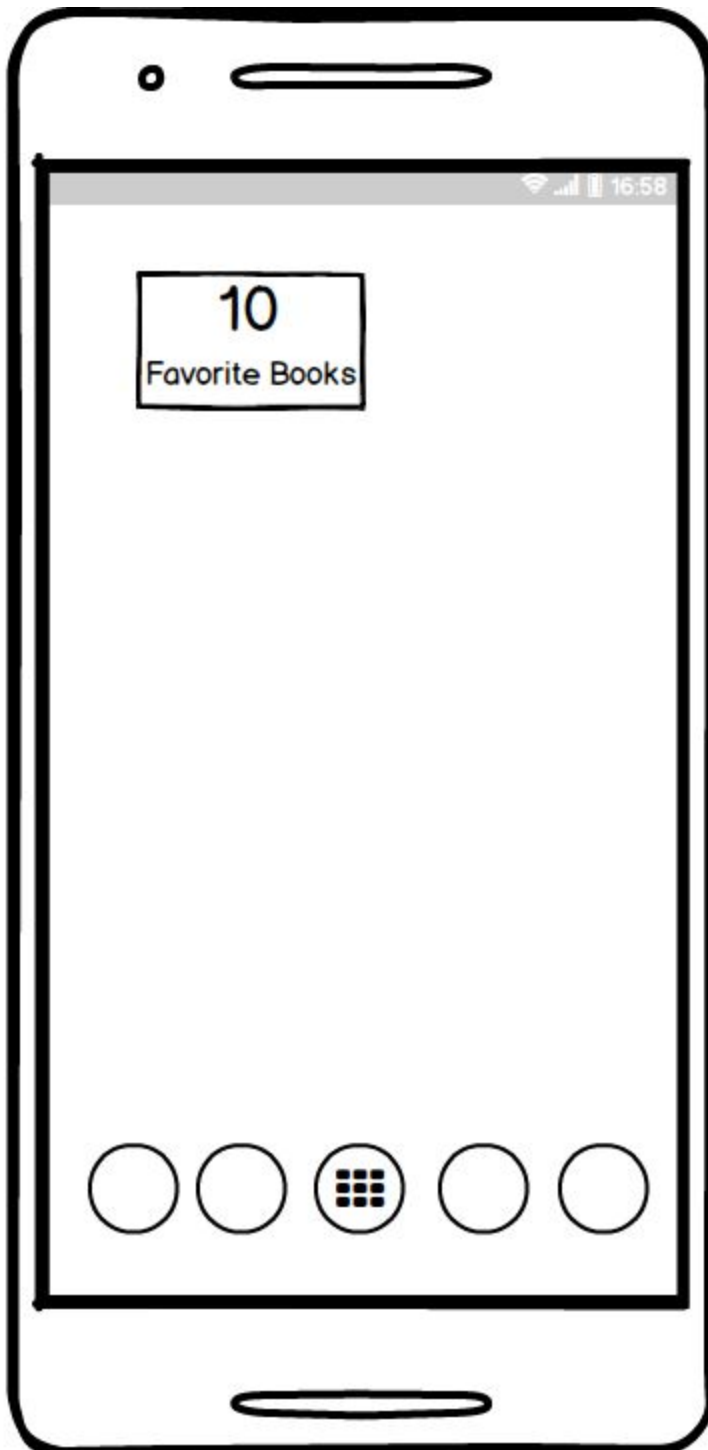
Favorite Books

Widget shows the number of books in favorite list

Key Considerations

How will your app handle data persistence?

Using firebase realtime database as it will store users authentication info and books favorite list.

Describe any edge or corner cases in the UX.

- In case no internet connection, toast message will be shown to the user.
- Any null text will be replaced with "N/A" or missed image will be replaced with app logo.

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

- Glide as it caches the images and scale it
- AsyncTask will be used to get data in json format from Google Books API

Describe how you will implement Google Play Services or other external services.

Using firebase authentication for login process

Next Steps: Required Tasks

Task 1: Project Setup
1- create the project on android studio
2- create firebase project online
3- connect android studio project with firebase project
4- install glide
5- add the required permissions in manifest file

Task 2: Implement UI for Each Activity and Fragment

- Build login activity
- Build search activity
- Build search result activity

- Build book details activity
- Build favorite list

Task 3: Search process development

- Configure search query to get books from Google Books API
- Configure recyclerview and its proper layout

Task 4: Drawer navigator

- Show username
- Show books favorite list menu item
- Show logout menu item

Task 5: View book details

- Send selected book details to this view
- Any missed text will be replaced with "N/A"
- Any missed image will be replaced with app logo
- Star icon is located beside book title to add or remove book from favorite list
- Share book floating button is located at bottom right