Open Library System

YOUR SURE SOURCE TO FREE BOOKS

TEAM ALGORITHM

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Introduction(Overview)

1. OUR SYSTEM WILL PROVIDE PLATFORM FOR PEOPLE TO READ BOOKS FOR FREE
2. OUR SYSTEM IS OPEN TO WIDE RANGE OF BOOKS FOR READERS
3. REVIEWS OF BOOK READ BY READER
4. PROVIDE READER PERSONAL LIST.
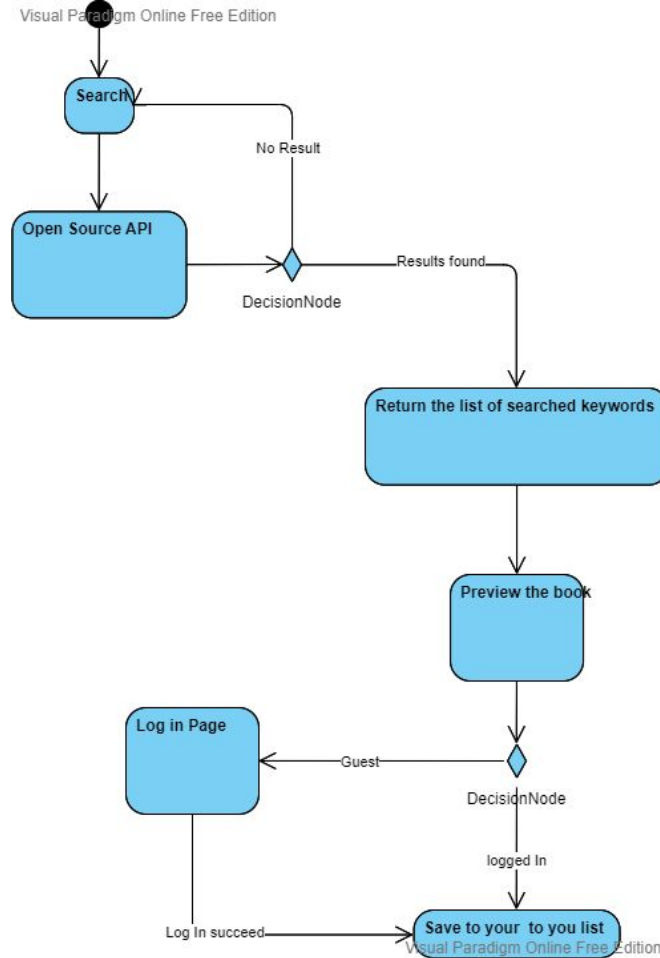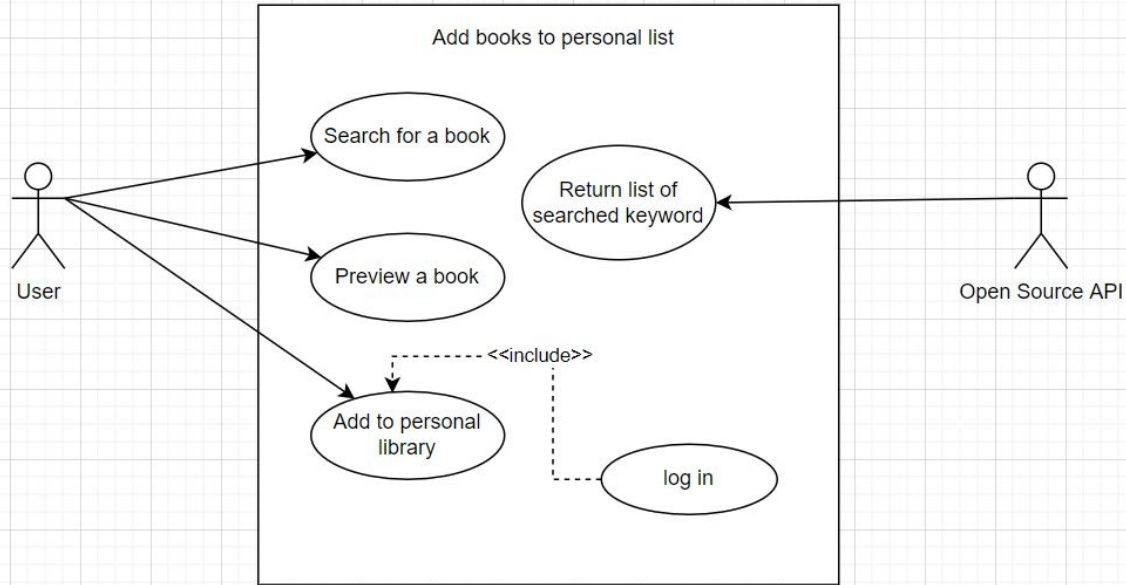5. ADVERT COLUMN FOR SPONSORS

Activity Diagram

Figure 2: Activity Diagram for Adding books to personal library

Use Case Diagram

Figure 1: Use case diagram for Adding books to a personal Library

Use Case Description

Chart 1: Use Case Description for Add to Personal List

Use Case Name: Add to Personal List		Importance Level: High	
Primary Actor: User, API			
Stakeholders, and Interest			
User	want to search for a book and add to personal list		
API	intends to return the result		
Brief Description	The use case describes how the books are added to the user's personal list		
Trigger	User finds the book and wants to add to his own list		
Type	External		
Relationship			
Associations	User, API		
Include	Login		
Extend			
Generalization			
Normal Flow of Events			
1. The user logins into their account			
2. The user search for the books			
3. The API will return the result			
4. Users will add to their list			

Requirements

- User account Management
  - The system shall have a login page for users
  - User shall be able to create an account
  - User shall create an account by clicking create
  - User shall retrieve the account by clicking retrieve
- Search Function
  - The web application shall allow the user to search for the book
  - User shall type in the search bar to search
  - The system will be integrated with an open source API
- Search Handling
  - User shall get a list of books if results found
  - The web application shall let users read books online
- Personal List
  - User shall be able to create a personal list of books
  - User shall be able to give reviews and ratings when logged in

Project Tracking

Gantt Chart:
https://docs.google.com/spreadsheets/d/1dbYh8cj1gO2gAZ7l_654PlGvM2tmzBItgaleeTtJurw/edit#gid=0

Task Manager - Trello:

https://trello.com/b/4t0s0Q3X/open-library

Proposed Tools

Front end tools

- HTML, CSS, JS
- Jquery
- Bootstrap
- Datatables

Backend tools

- Grails and Groovy
- Hibernate

Database

- SQL/Open source

Note: Use Open Source API for getting data

Demonstration

Demonstration

Login to your account

Username

Password

☐ Keep me logged in

Log in

Forget Password?

Don't have an account? Sign up here

Demonstration

Open Library
FIND ANY BOOK YOU WANT
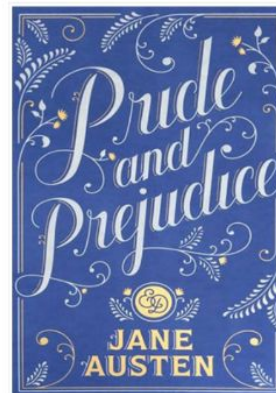
Pride and Prejudice

👤 Author Jane Austen   📂 Genre Romance novel   📅 Published Year 1813

About the Book | Reviews

Book Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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Thank You!