

## **SDA lab project**

### **Book Wala**

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## **Report**

We are developing an online platform that offers users access to a wide range of licensed books. Our goal is to enhance the reading experience, making it easier for users to dive into literature, track their progress, and connect with fellow readers.

## **Benefits**

1. **Enhanced Reading Skills:** Our app promotes regular reading, helping users improve their comprehension and retention abilities.
2. **Improved Speaking Skills:** Engaging with books and participating in discussions can boost vocabulary and communication skills.
3. **Community Interaction:** Users can leave reviews and comments, fostering discussions that create a sense of community and shared learning.

## **Features**

- **Varied Book Selection:** A broad assortment of genres to cater to diverse interests.
- **Highlighting Tool:** Users can mark key passages for easy reference.
- **Bookmarking:** Save progress effortlessly to resume reading whenever convenient.
- **Personalized Recommendations:** Tailored book suggestions based on individual reading history and preferences.

## **Target Audience**

- **Students:** Aimed at those looking to enhance their reading and comprehension skills.
- **Book Lovers:** Readers who enjoy discussing and sharing insights about literature.
- **Language Learners:** Individuals seeking to improve their language skills through reading.

## **Potential Challenges**

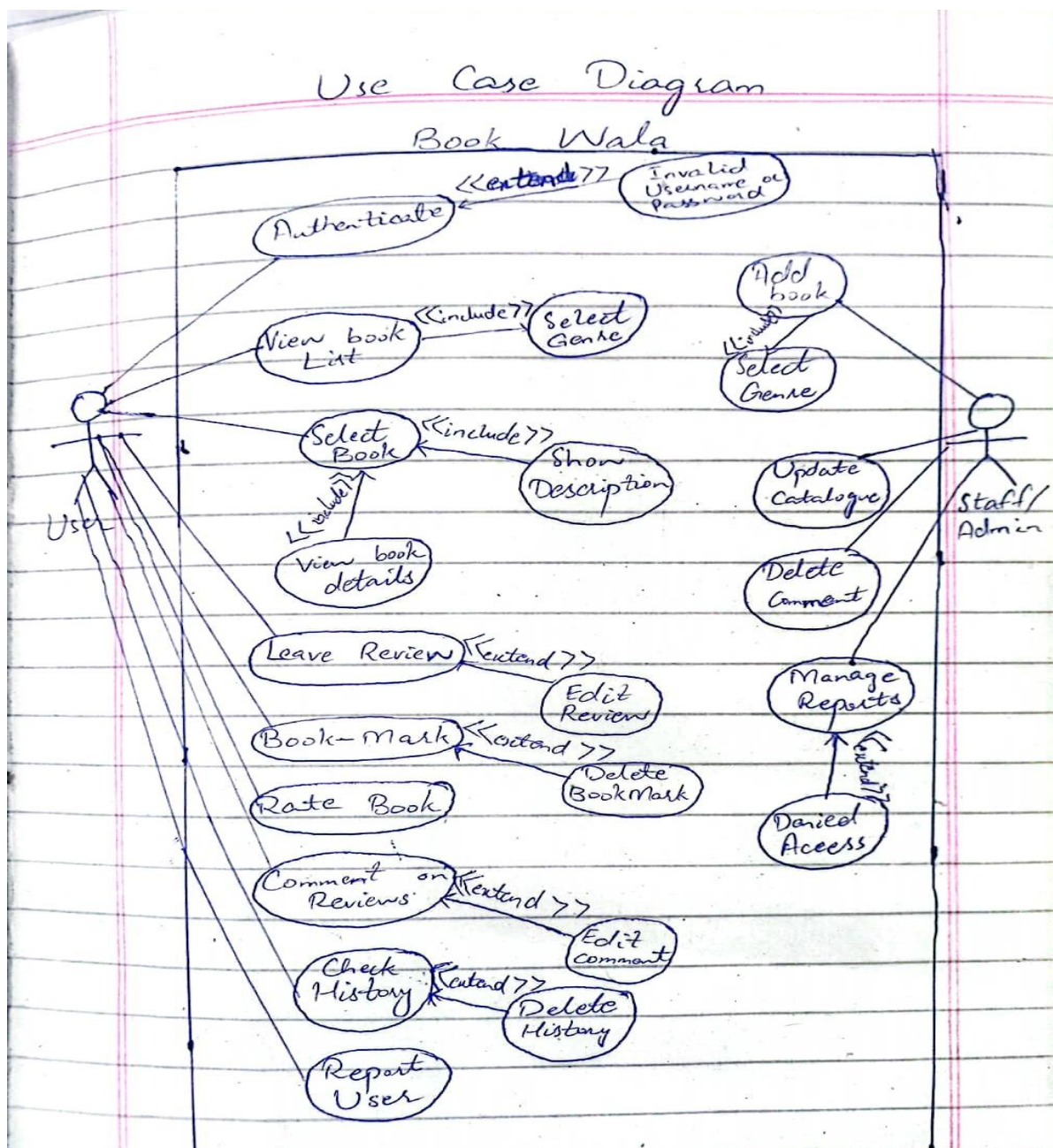
- **User Experience:** Creating a welcoming environment for all users.
- **Sustaining Motivation:** Keeping users engaged and encouraging consistent reading habits.

- **App Maintenance:** Ensuring the platform remains updated and free from technical issues.

## Conclusion

Our web app has the potential to greatly enhance users' reading and speaking abilities by encouraging regular engagement with literature and facilitating effective communication. By offering a platform that promotes literacy and discussion, we aim to empower users to become more confident readers and communicators, ultimately contributing to a more literate and articulate community.

## Use Case Diagram:

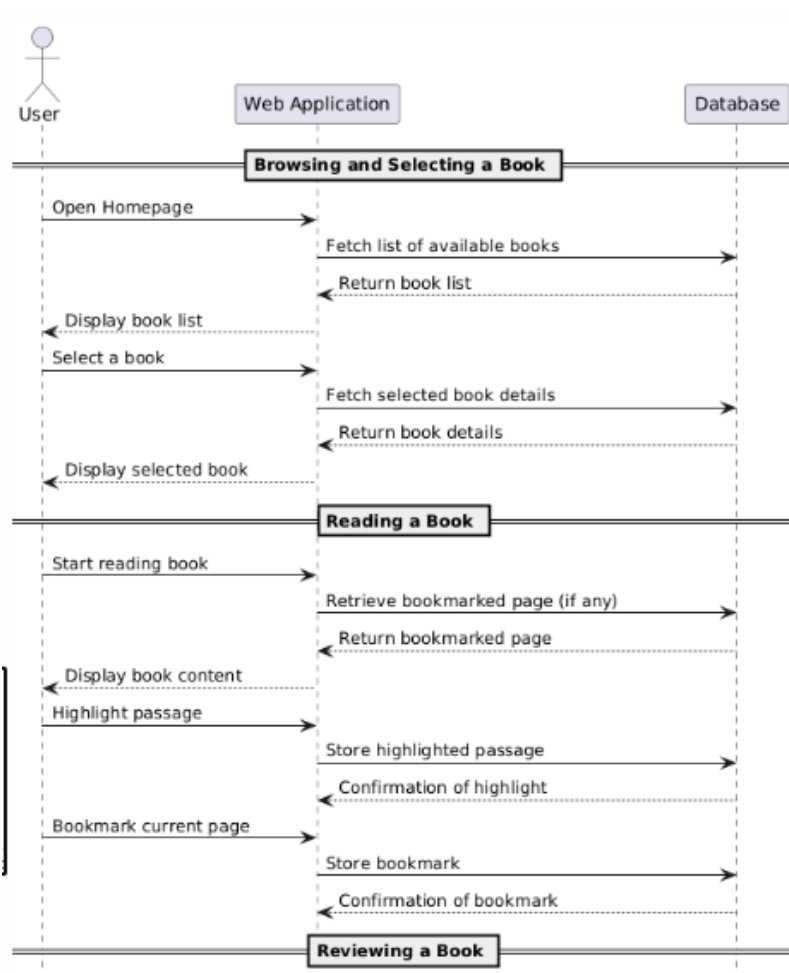


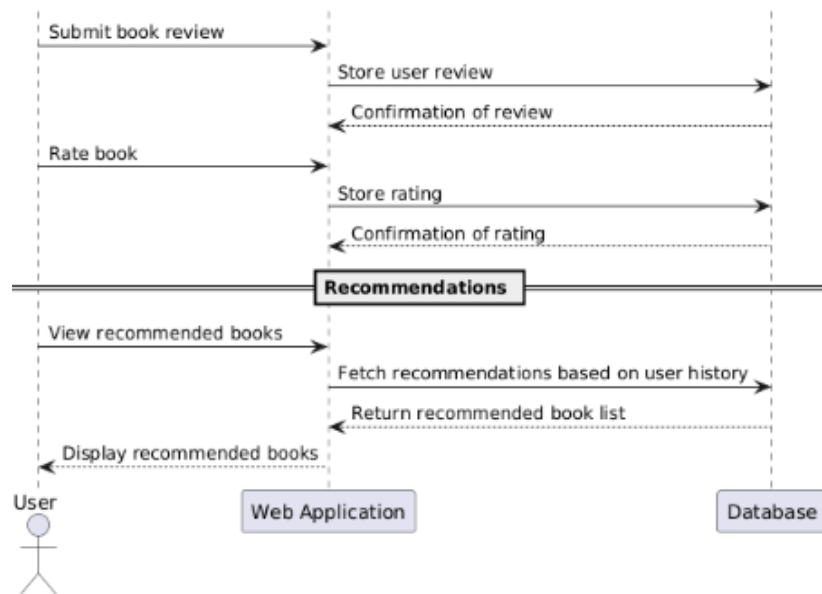
## Fully-Dressed Use Case Diagram:

### Fully - Dressed Use Case :-

- 1- Use Case Name: Upload book
- 2- Scenario: Admin uploads new books on the web app according to their genre.
- 3- Triggering event: Wants to upload new book for users to read.
- 4- Brief Description: Admin provides the books to users for reading and keep uploading new ones for users according to their genre.
- 5- Actors :
  - Primary Actor : Admin
  - Supporting Actor: None
  - Offstage Actor: User
- 6- Related Use Case: Upload book, categorize book, Delete book.
- 7- Stakeholder :
  - Admin: Uploads the book.
  - User: Reads the book.
- 8- Pre-Conditions: Admin checks if the library contains a few books or not.

## SSD:





### Communication Diagram:

