



Freelance Book Marketplace

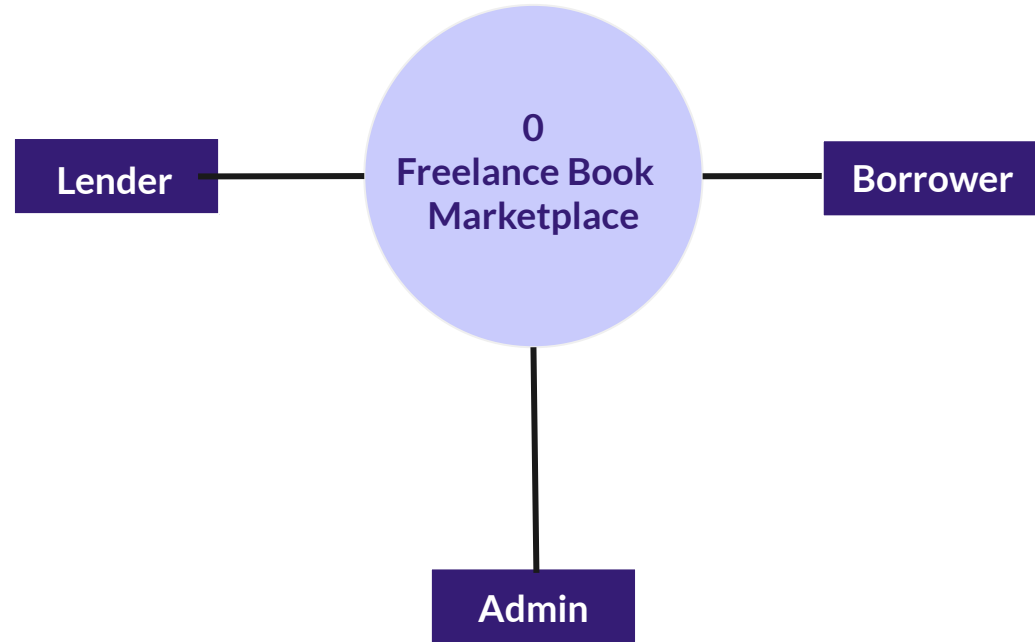
(UML Diagrams)

Presented By:

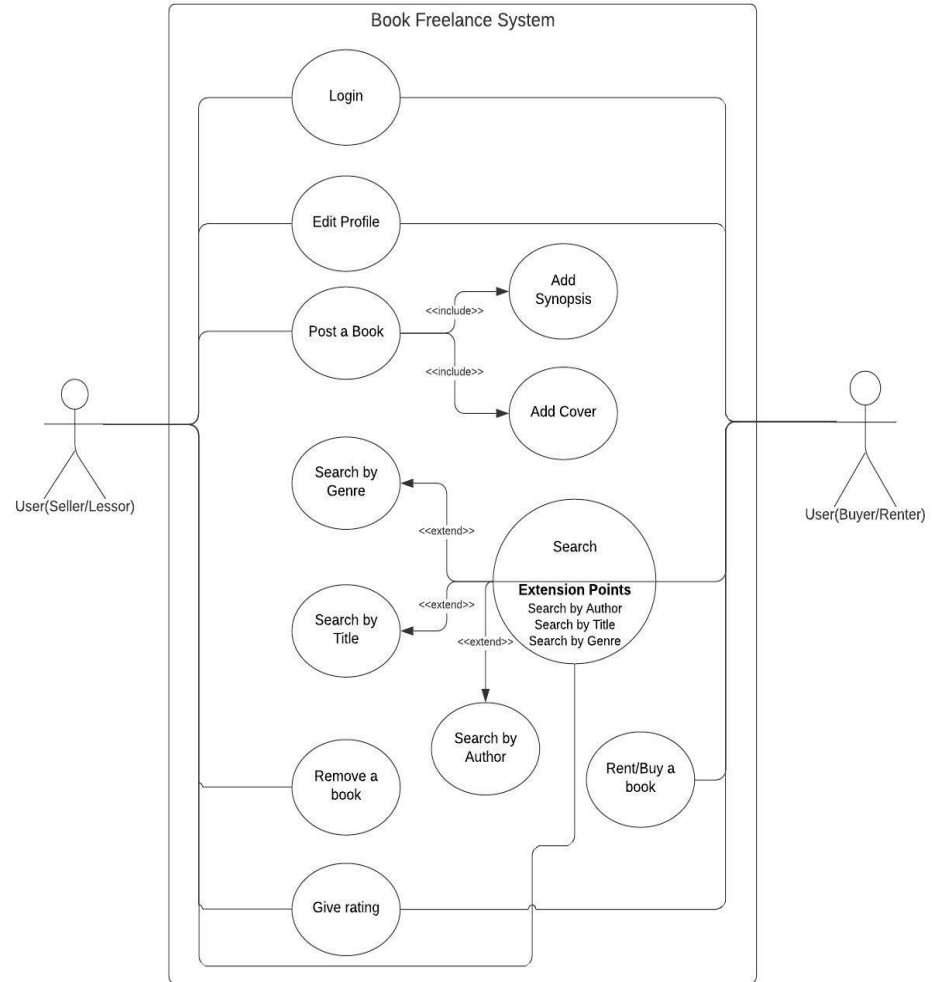
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Context Diagram



Use Case Diagram





Use Case 01 - Uploading a book

Primary Actor - Seller/Lender

Stakeholders and Interests -

1. **Lender:** Wants to upload a new book that they have into the system
2. **Borrower:** Looking for new books to borrow/buy
3. **Admin:** Needs to make sure both lender and borrower have proper credentials to log into the system.



Precondition -

1. Lender must be an authorized user to log into the system
2. Lender must have all the basic info. about the book like Title, Author Name, Cover Photo, etc.

Postcondition -

1. The changes should be made in DB, so that the user can see the book in his/her book list
2. The book remains in the system even when the user logs out



Main Success Scenario -

1. Lender goes to the website
2. Lender logs into the system using proper credentials
3. Lender navigates through the “Home Page” and clicks onto the “Upload Book” button
4. Lender fills out all the necessary info about the book and clicks onto the “upload “ button
5. Lender successfully uploads the book into the system



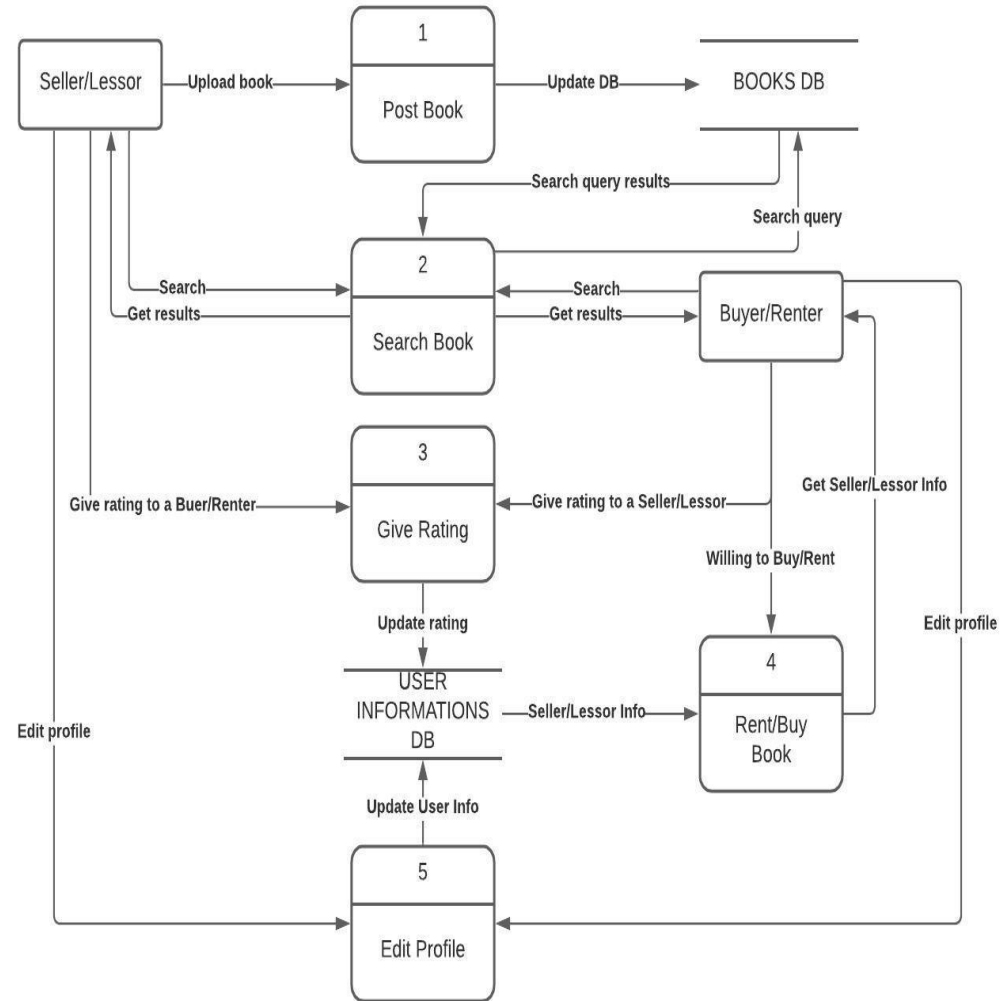
Alternative Scenario -

1. The system may not respond
→ *Solution:* Wait for the system to come alive
2. Lender may not find the book in their book list
→ *Solution:* Contact to the admin so they can check if the book have proper entry in the database
3. Upload form may require info that the user doesn't have like ISBN etc
→ *Solution:* The user can find all the necessary info about the book online

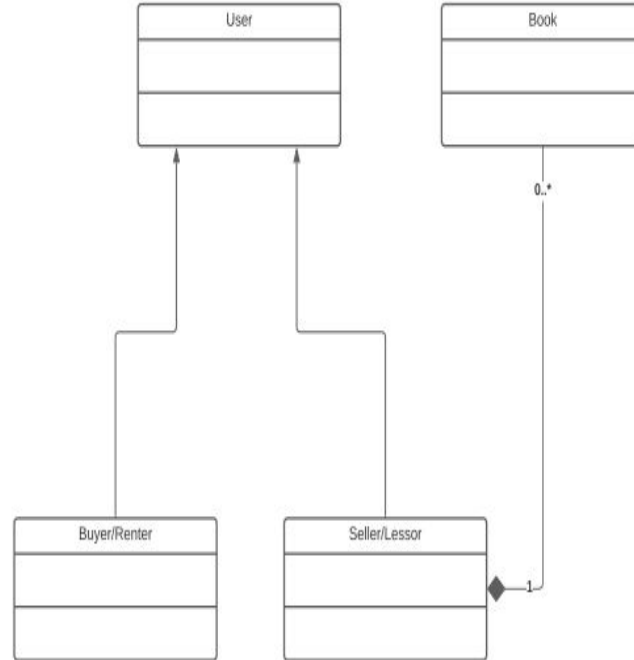
Issues -

1. If login credentials are incorrect then feedback will be given

Data Flow Diagram



Class Diagram (Basic)



Class Diagram

