DOCUMENTATION

1. Brief Use Case

Title: Purchase Book Online
Actors: Customer
Goal: The goal of this use case is to allow customer to purchase books online.
Main Flow:

1. Customer browses available books.
2. Customer adds selected books to the shopping cart and can remove books from the cart.
3. Customer proceeds to checkout.
4. Customer provides shipping and address information.
5. System calculates the total price of the order.
6. Customer can write a review for the book and can add it to the wishlist.

2. Fully-dressed Use Case
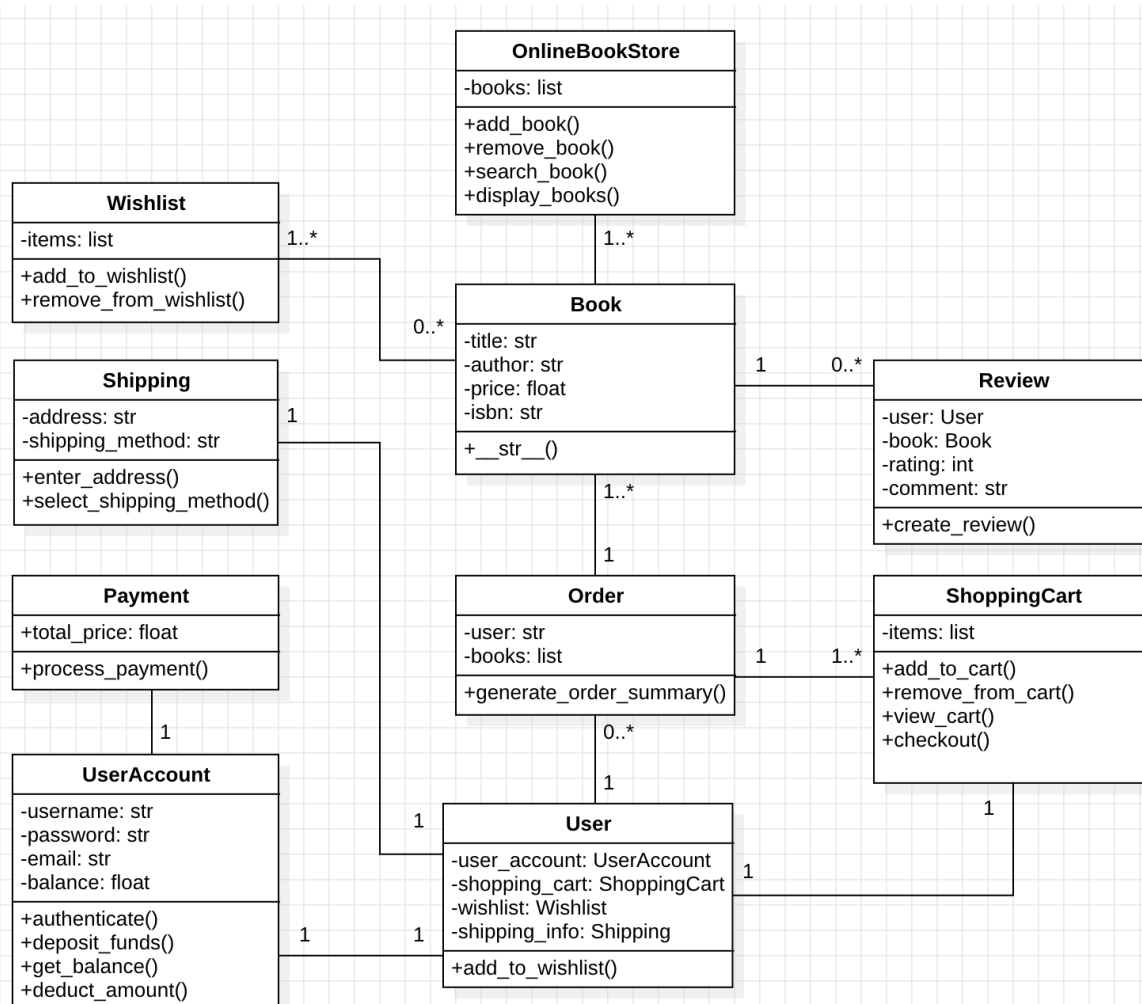
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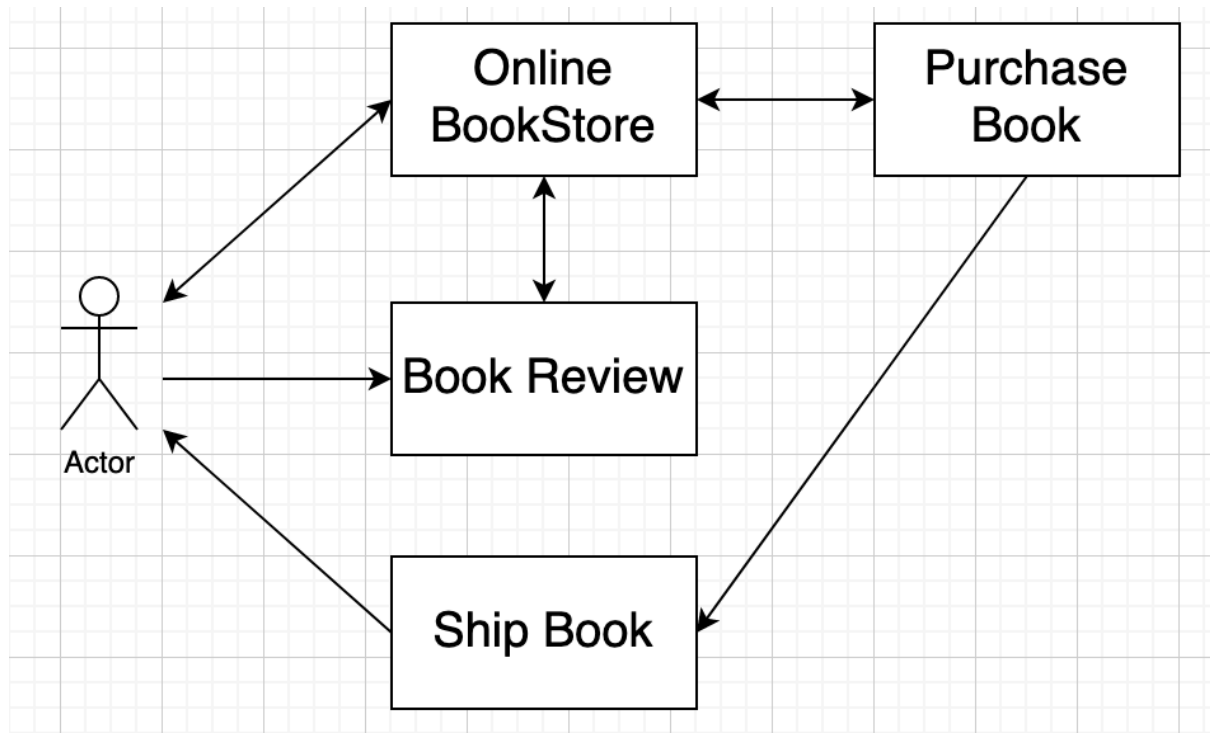*Main Flow*:

1. Before exploring online "Manuscript" bookstore" customer is required to logs into his account with valid credentials. If username or password are wrong, the user is asked to provide valid ones to be logged in. After this user is prompted to deposit some funds into his account. After the above steps are done, users will see 11 options to interact with the menu.
2. When the user selects option 1 List of available in the store Books are displayed.
3. When the user selects option 2 "Search for a book" he is prompted to Enter the title of the book he wants to search for. User can enter the Book title and desired book with its price and author name is displayed/
4. When the user selects option 3 to Add book to cart he is prompted to Enter the Book title after which book will be added to the cart. User can add as many books to the cart as he wants.
5. When the user selects option 4 to Remove book from cart and entering book title he will see the message that book is removed successfully. If the user enters the wrong book title he wants to remove the message "Book not found in the cart" will inform the user about his wrong selection.
6. With option 5 users can "View cart" what was added before.
7. If a user wants to make a purchase of the book(s) added to the cart he needs to select option 6. After that the user will see the summary of the order, Thank you message, successful payment and remaining balance.

8. Users can also write a review on the book by selecting option 7. Where he can choose a book by the title, make a rating and write a comment, after which he will see a success message.
9. User is able to add his favorite book to the wishlist selecting option 8.
10. With option 9 user can add home address
11. And with option 10 select shipping method between standard and express one.
12. To finish the user's work in the bookstore account he needs to select option 11.
13. If a user selects options out of the range from 1 to 11 he will be asked to make a right choice.
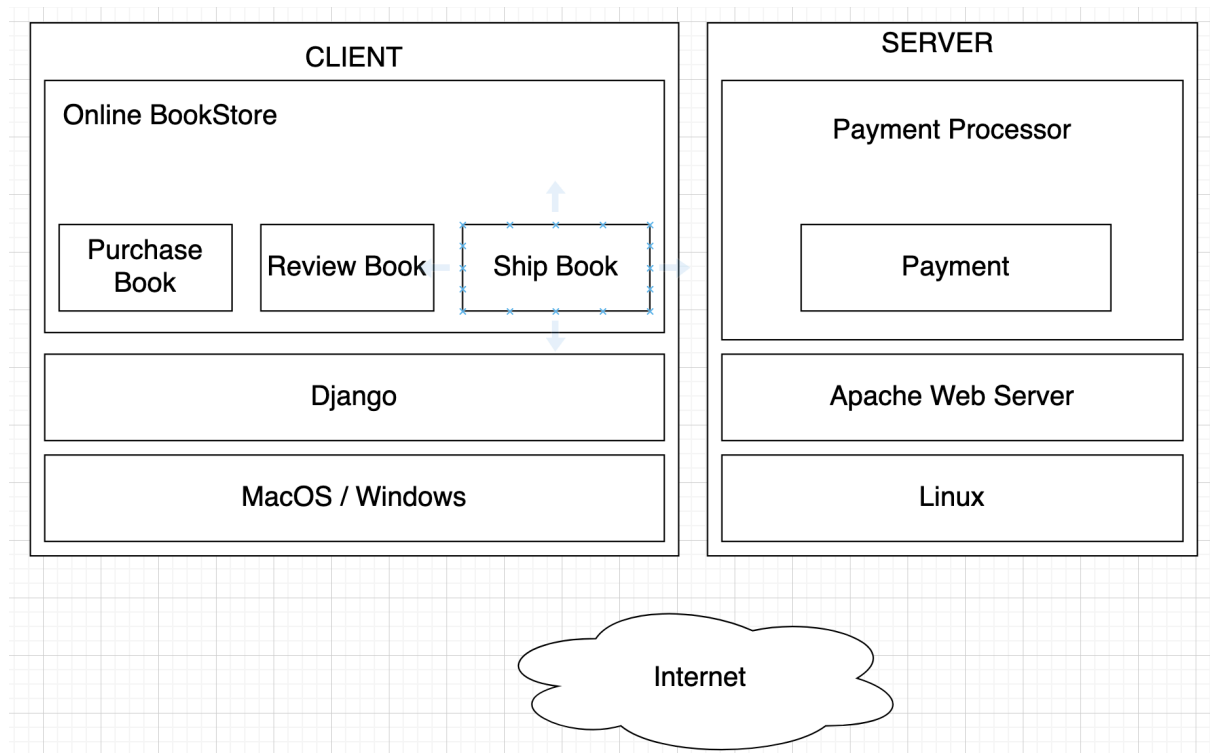
3 UML diagrams (static)

4. AFD

4. ALD

5 Sequence diagram.