Following is the description of an online bookstore. Please read it carefully and then answer the question given below it.

**Scenario:**

The ecommerce website for selling books is a platform where customers can browse, search, and purchase books online. The website will allow customers to find and purchase books of their choice. Customers can create an account on the website and save their payment and shipping information for future purchases. The website will also include a section for customer reviews and ratings, as well as a recommendation engine that suggests books based on customers' past purchases and interests.

1. Find all the actors and use cases from the scenario and then draw a Use Case Diagram
2. Create a domain model/analysis level class diagram after Identifying all meaningful conceptual classes from the use cases titled as “Purchase Book” described in the following.

**UC01: Purchase Book**

**Main Success Scenario:**

1. The customer opens the homepage.
2. The customer searches for the book he/she wishes to purchase by entering the book's title, author, ISBN into the search bar.
3. The system displays a list of search results.
4. The customer selects the book he/she wish to purchase from search results.
5. The system displays a book information page that includes the title, author, publisher, ISBN, price, availability and book reviews.
6. The customer requests the book of his/his choice to be added to the shopping cart.
7. The system adds the selected book to the customer's shopping cart.
8. The customer repeats steps 2-7 if the customer wishes to purchase additional books.
9. The customer selects the "Checkout" option on the shopping cart page.
10. The system displays a checkout page where the customer enters shipping and billing information, and selects a payment method.
11. The customer reviews their order details, including the book(s) to purchase, the total cost, and any applicable taxes or shipping fees.
12. The customer selects the "Confirm Purchase" option.