

Scenario: A web site to buy books (hard copy and soft copy).

For assumed case study do following:

I. Identify and explain the various scenario for the selected case study

1. User Registration/Login:

- User wants to register on the website to buy books.
- They may have the option to register through email, social media, or a guest checkout feature.
- After registration, they can manage their account details, including shipping addresses, payment methods, and order history.
- User wants to log in to access their account.

2. Browsing Books:

- User wants to search for books by title, author, genre, etc.
- Genres such as fiction, non-fiction, best sellers, etc.
- User wants to view details and prices of the books.
- User wants to filter books by criteria such as price range, popularity, release date, etc.

3. Adding to Cart and Checkout

- Users can add books to their shopping cart.
- They can view their cart to review the items they've selected and adjust quantities if necessary.
- Proceeding to check out, they enter shipping details and select a preferred shipping method.
- They choose a payment method (credit/debit card, PayPal, etc.) and complete the transaction.

4. Leave a Review

- After purchasing and reading a book, the user decides to leave a review.
- They navigate to the book's page and find the review section.
- They rate the book (usually on a scale of 1 to 5 stars) and write a brief review sharing their thoughts, opinions, and recommendations.
- Once submitted, their review is displayed on the book's page for other users to see.

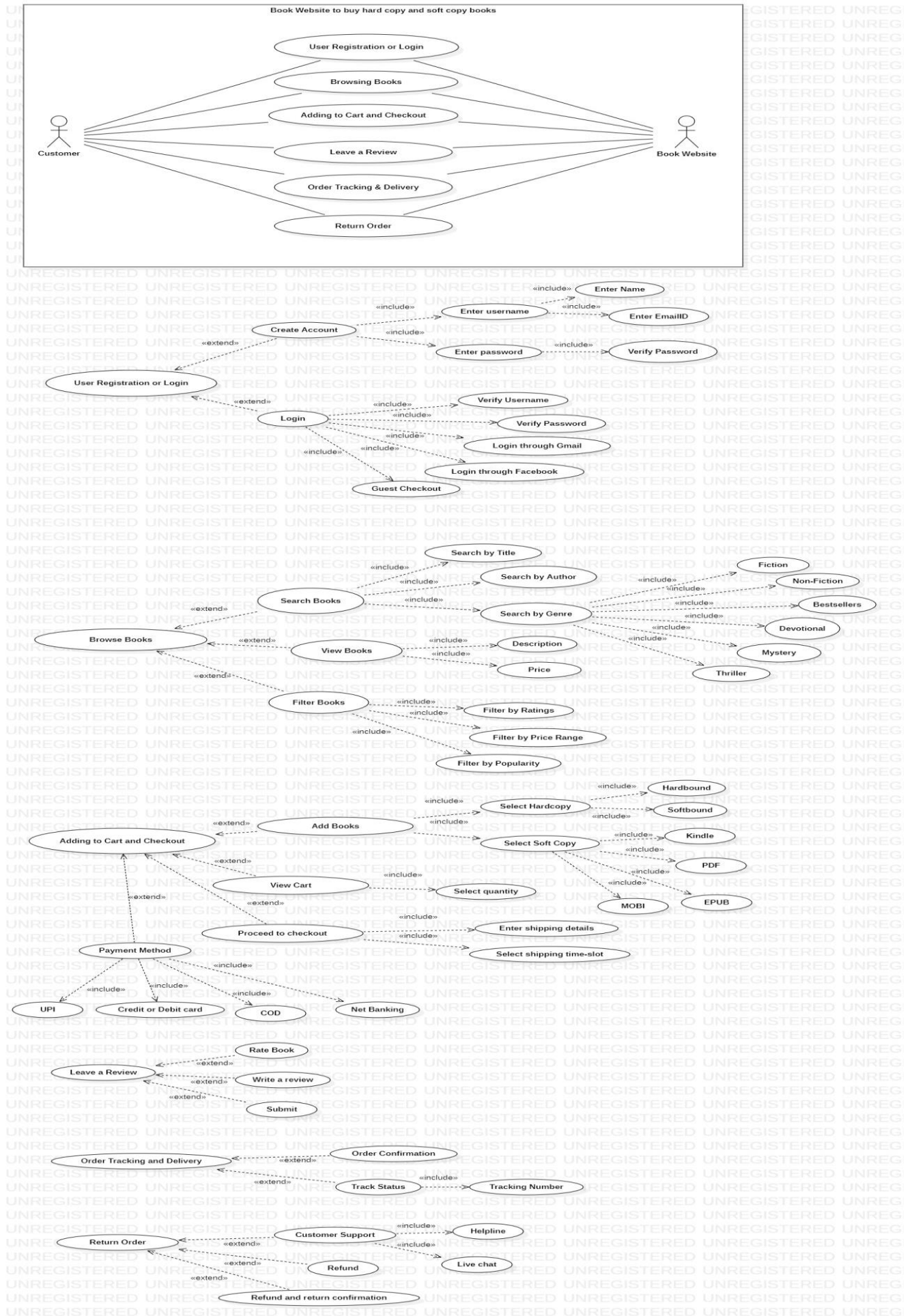
5. Order Tracking and Delivery

- After placing an order, users receive a confirmation email with order details.
- They can track the status of their order through their account dashboard.
- Once the order is shipped, they receive a tracking number to monitor the delivery progress.
- Upon delivery, users confirm receipt of the books and may have the option to provide feedback or rate the service.

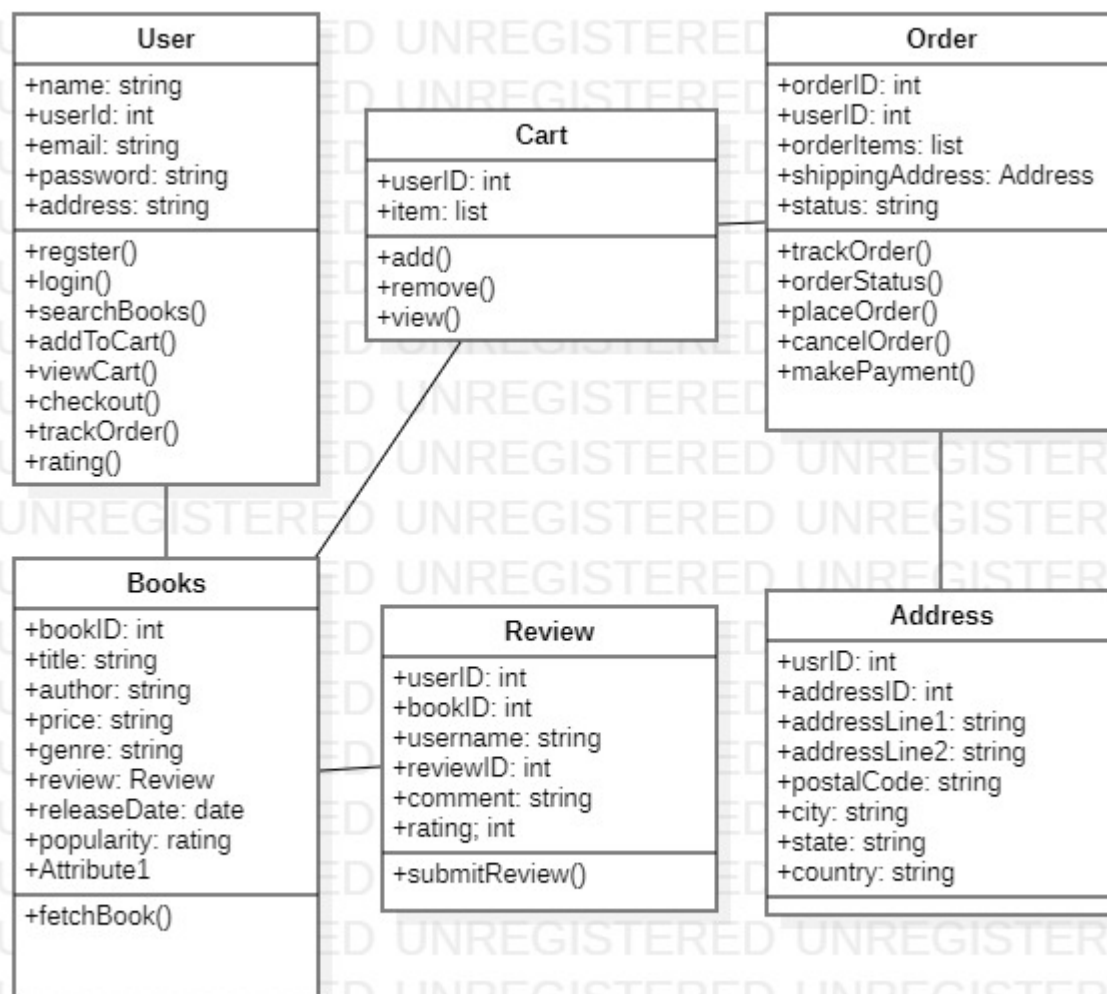
6. Return Order

- Users may encounter issues such as damaged books, incorrect orders, or inquiries about their orders.
- They can contact customer support through various channels such as email, live chat, or a dedicated helpline.
- The website should have a clear returns and refund policy outlining the process for returning books and receiving refunds or replacements.

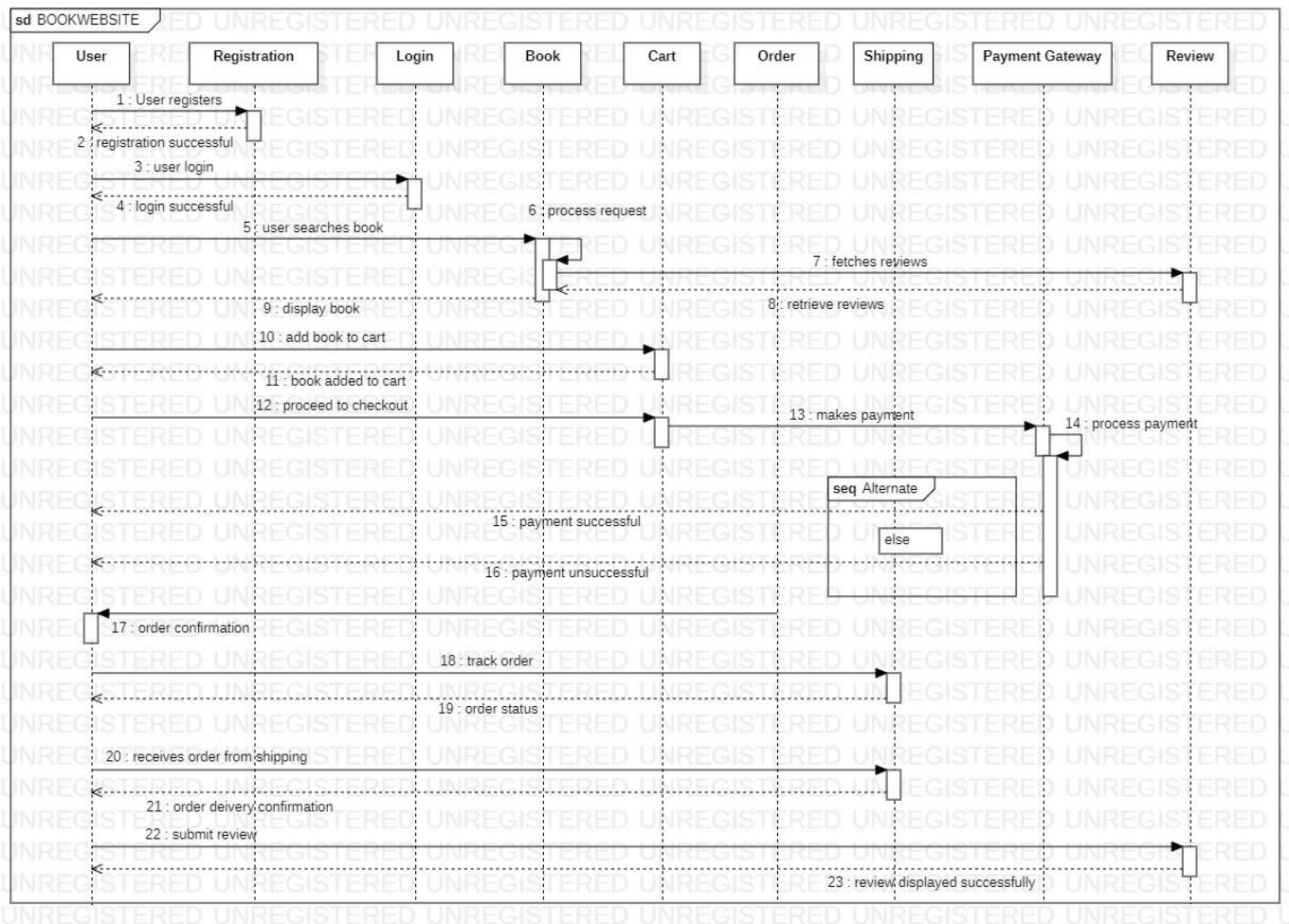
II. Draw a Use case diagram



III. Draw a class diagram



IV. Draw a sequence diagram



V. Draw a communication diagram

