

"OUSLBookStore" new web-based system

Functional Requirements

Customer Management:

- ✓ Customers can create an account, log in, and log out.
- ✓ Edit customer information.

Book Browsing and Searching:

- ✓ Customers can browse available books.
- ✓ Customers can search for books by title, author, or genre.

Shopping Cart:

- ✓ Add and remove books to/from the shopping cart.
- ✓ Update quantity of items going to order

Checkout and Payment:

- ✓ Checkout with a summary of items in the cart.
- ✓ Provide online payment options for order completion.

Order Management:

- ✓ Track the status of orders after payment.
- ✓ View order history for registered customers.

Administrative Functions:

- ✓ Administrators can add, update, and remove books.
- ✓ Generate sales and revenue reports.

Non-Functional Requirements:

Performance:

- ✓ The system should handle up to 1,000 simultaneous users.

Usability:

- ✓ User-friendly interfaces for both desktop and mobile.

Security:

- ✓ Secure customer account handling with encrypted passwords.
- ✓ Secure online payment processing with data encryption.

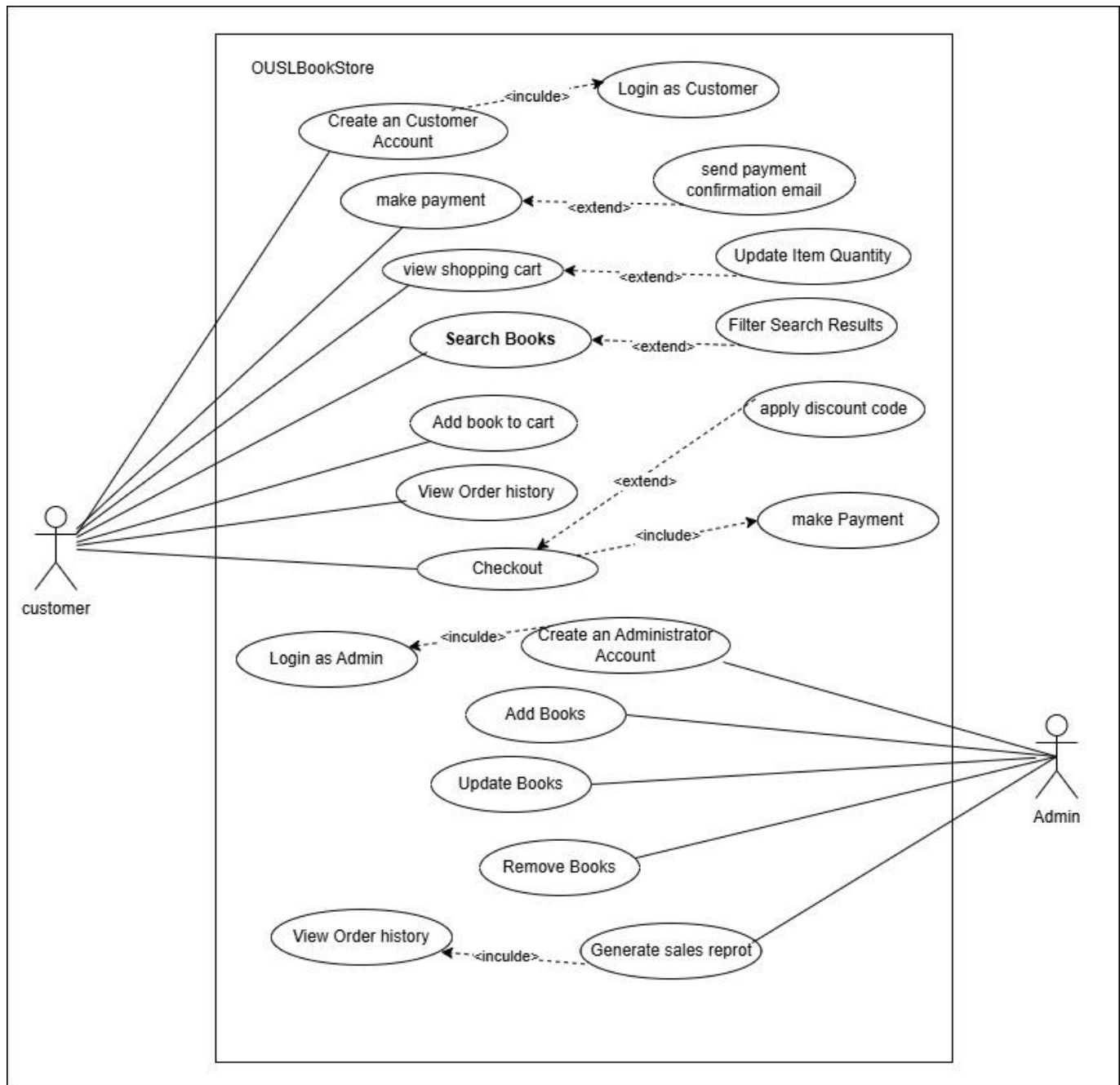
Scalability:

- ✓ System should allow accommodate for future growing number of customers.

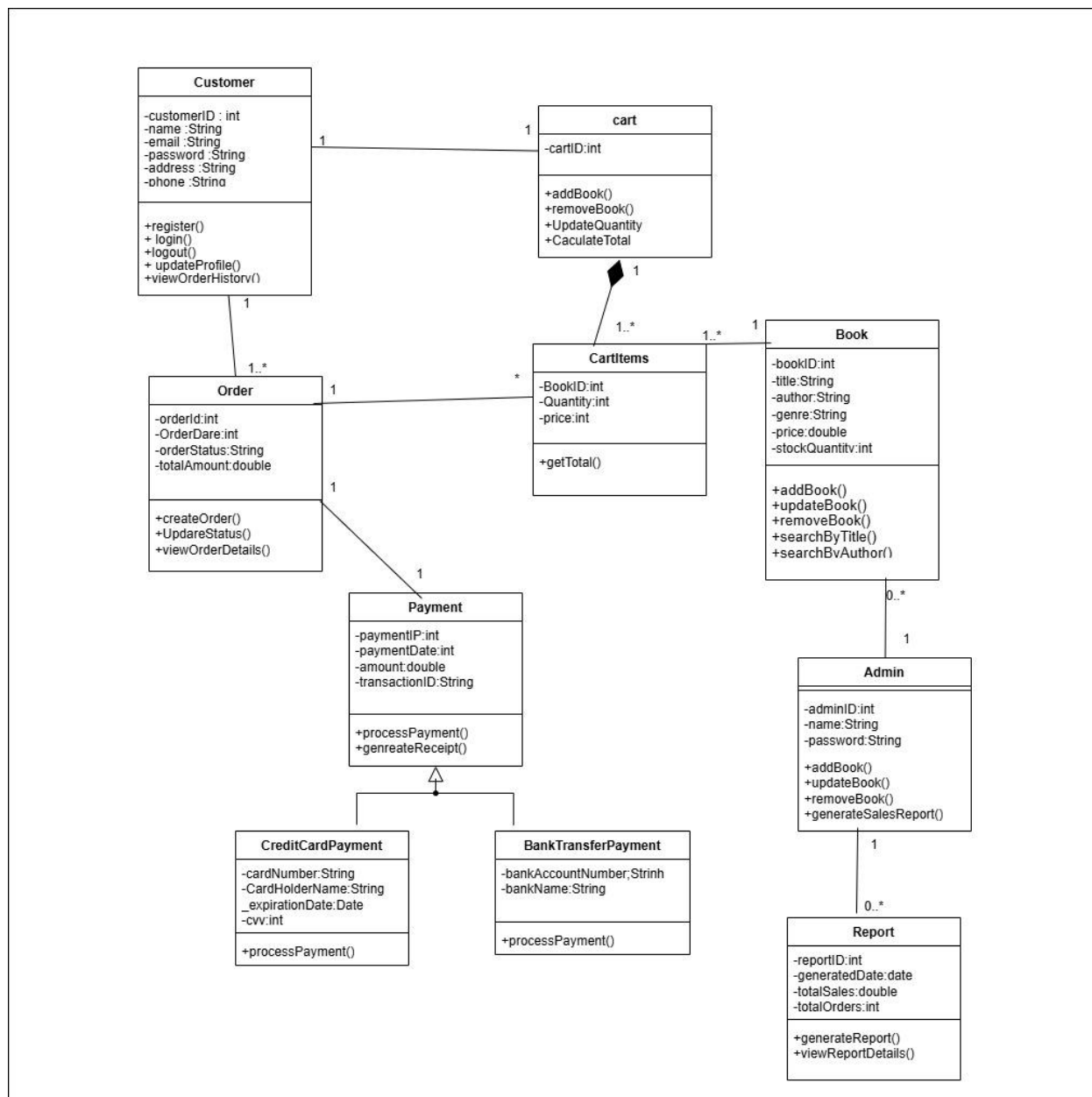
Accessibility:

- ✓ Accessible on both desktop and mobile devices.

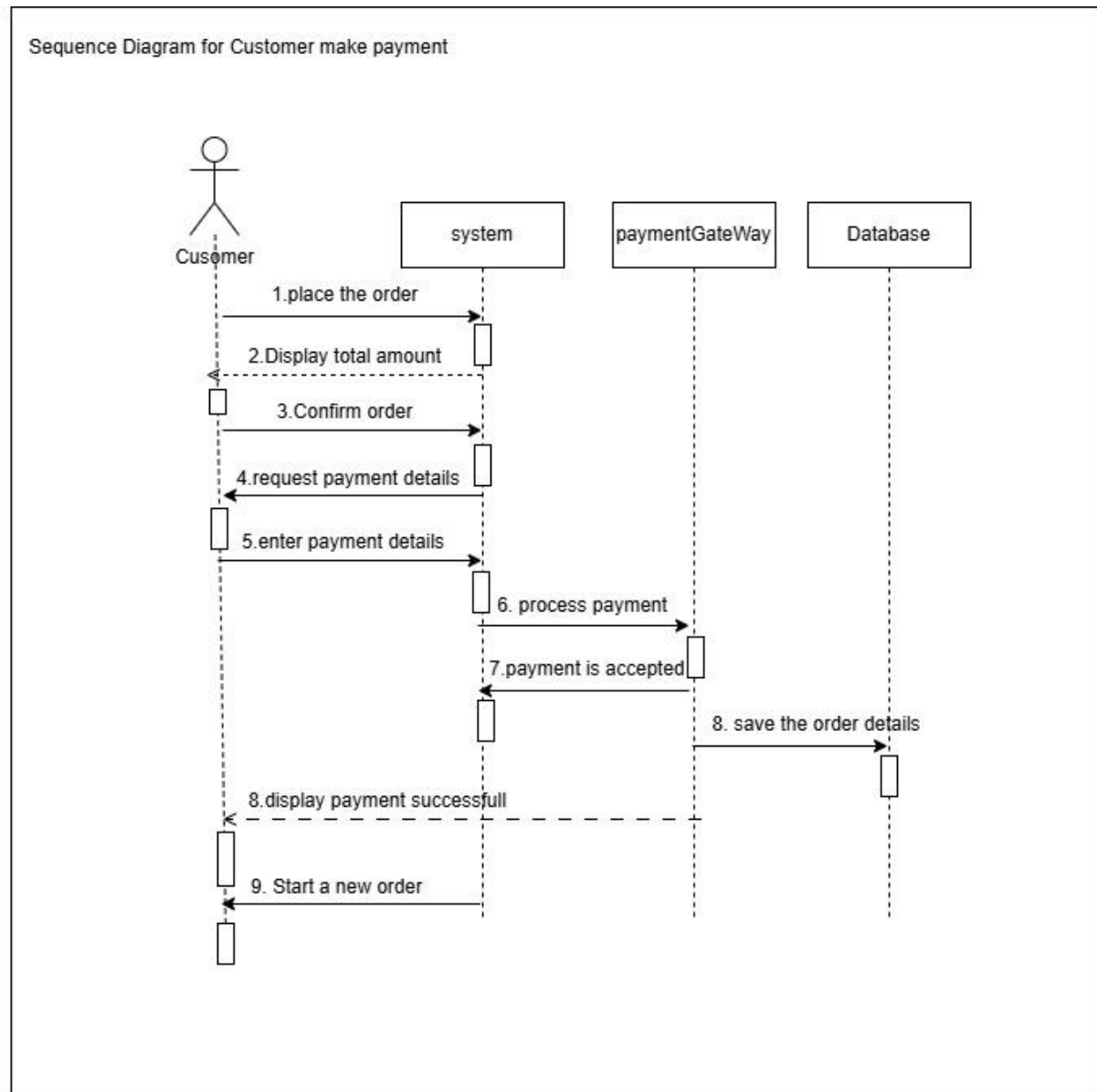
Use Case Diagram:

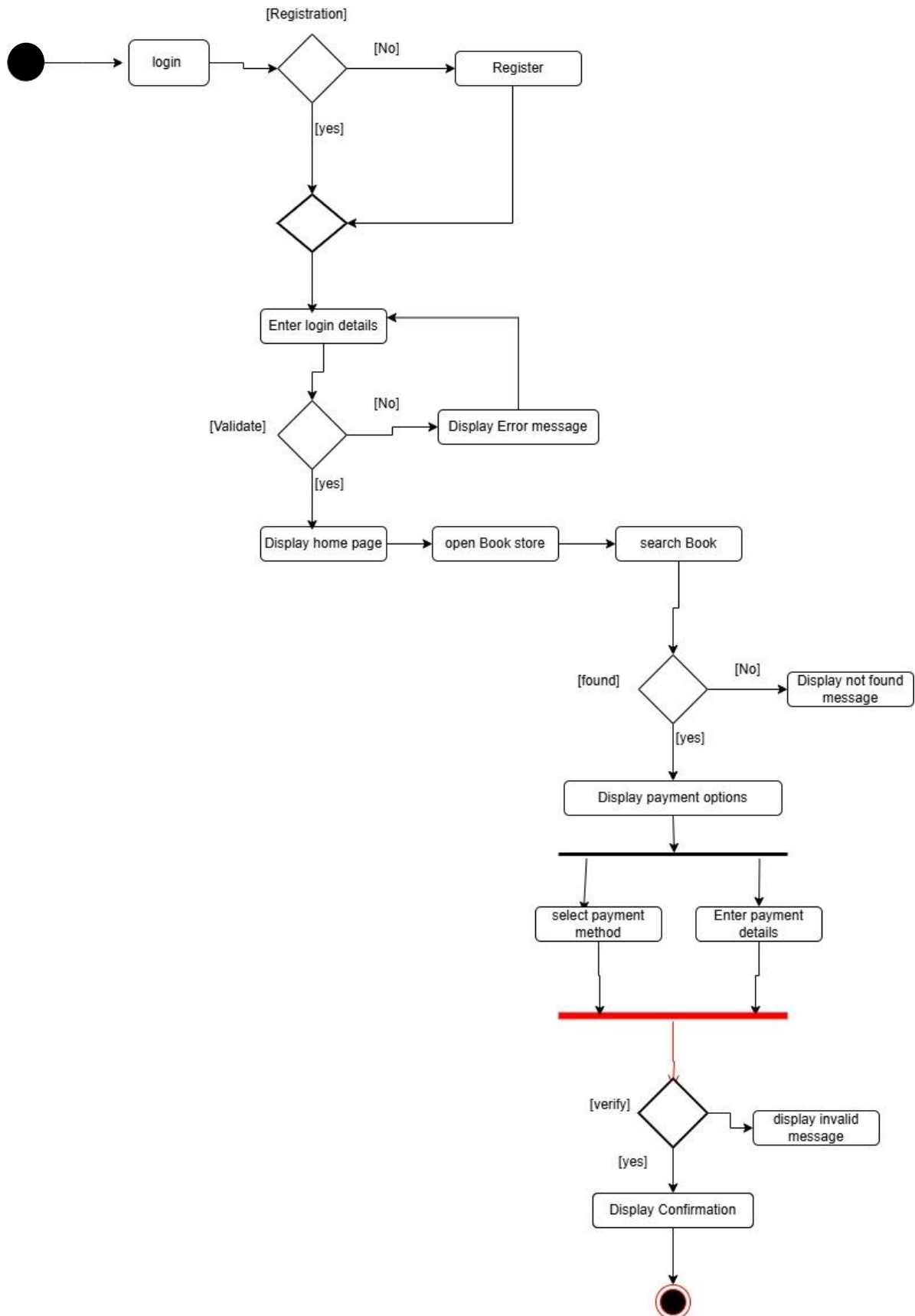


Class Diagram:



Sequence Diagram for make payment





- Developed web based system codes have been submitted with this

Git Hub link : [GITHUB LINK](#)