Book Shopping Application

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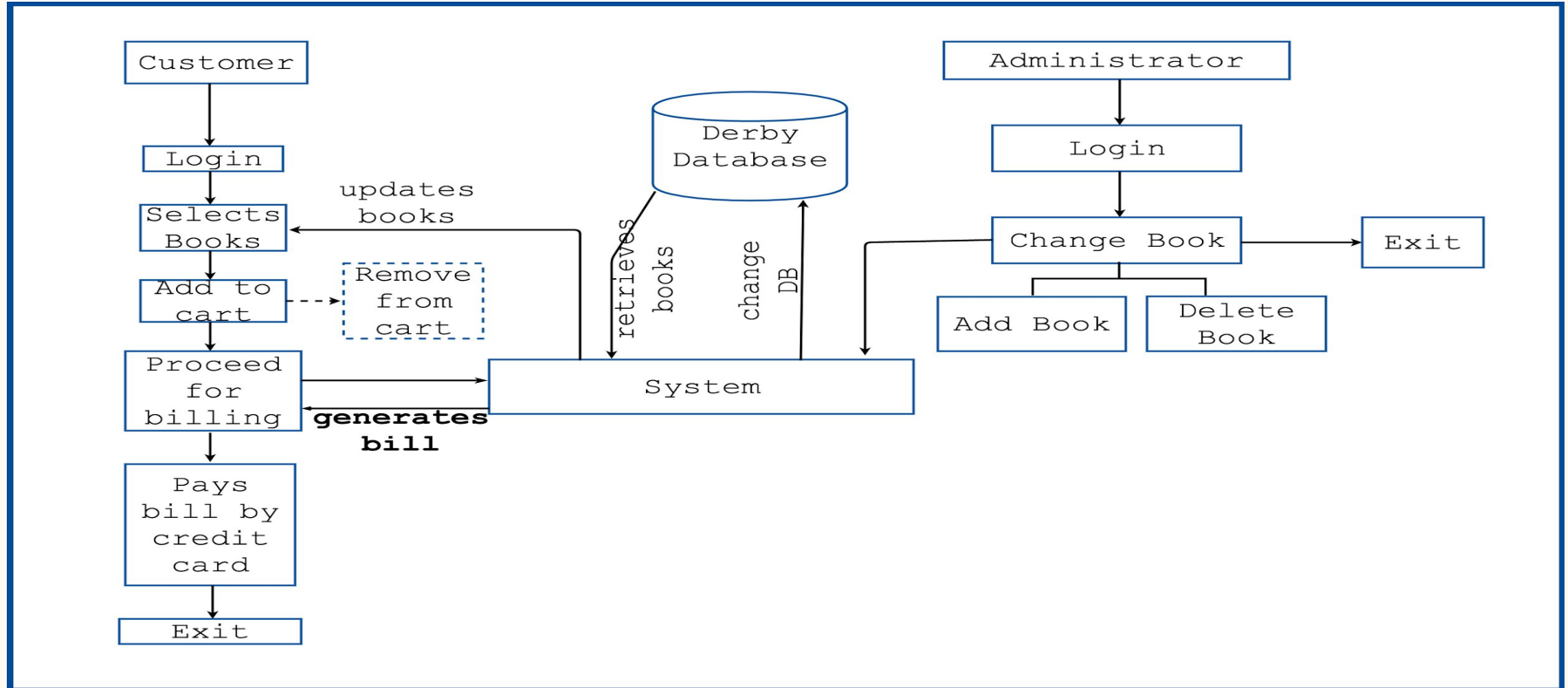Date : Dec 15 2015

Introduction

1. Book Shopping Application
2. Customer selects books from list of available books, add them to the cart.
3. Completes purchase and bill is generated.
4. Administrator adds new books to the system and also deletes books from the system.
5. Current system is designed only for one customer and one administrator.

Requirements

1. The application should hold a collection of book entries regarding name of the book, book code and price in a database.
2. The application should display to the customer (currently support one customer), book name, code and price.The user must be able to select items from the available list of books, add /delete to/from the cart.
3. Once shopping is done, customer should be able to proceed for billing.

4. The application should give an option of payment by card. Here card system is done only for demo purpose. Does not support any card authentication process.
5. Application should allow administrator (currently support one administrator) to add/delete books to/from database.
6. So the application should have logins for customer and administrator.
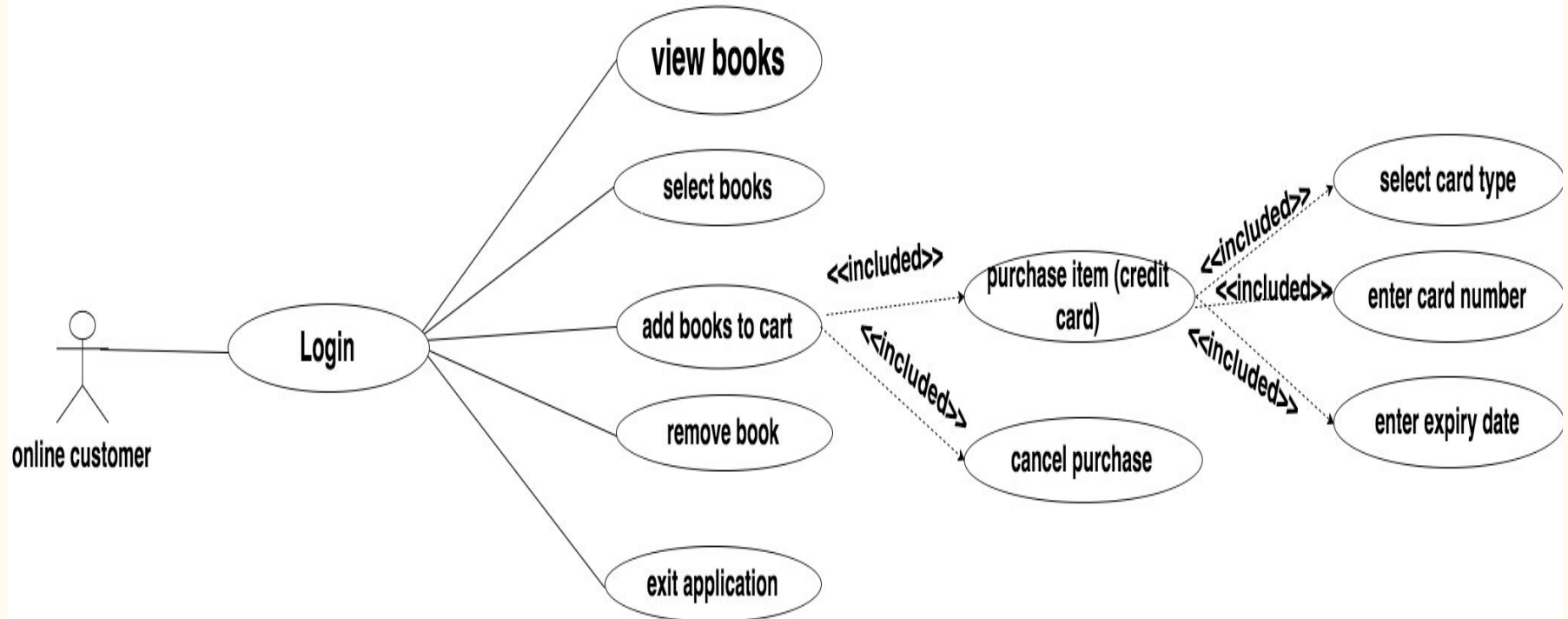
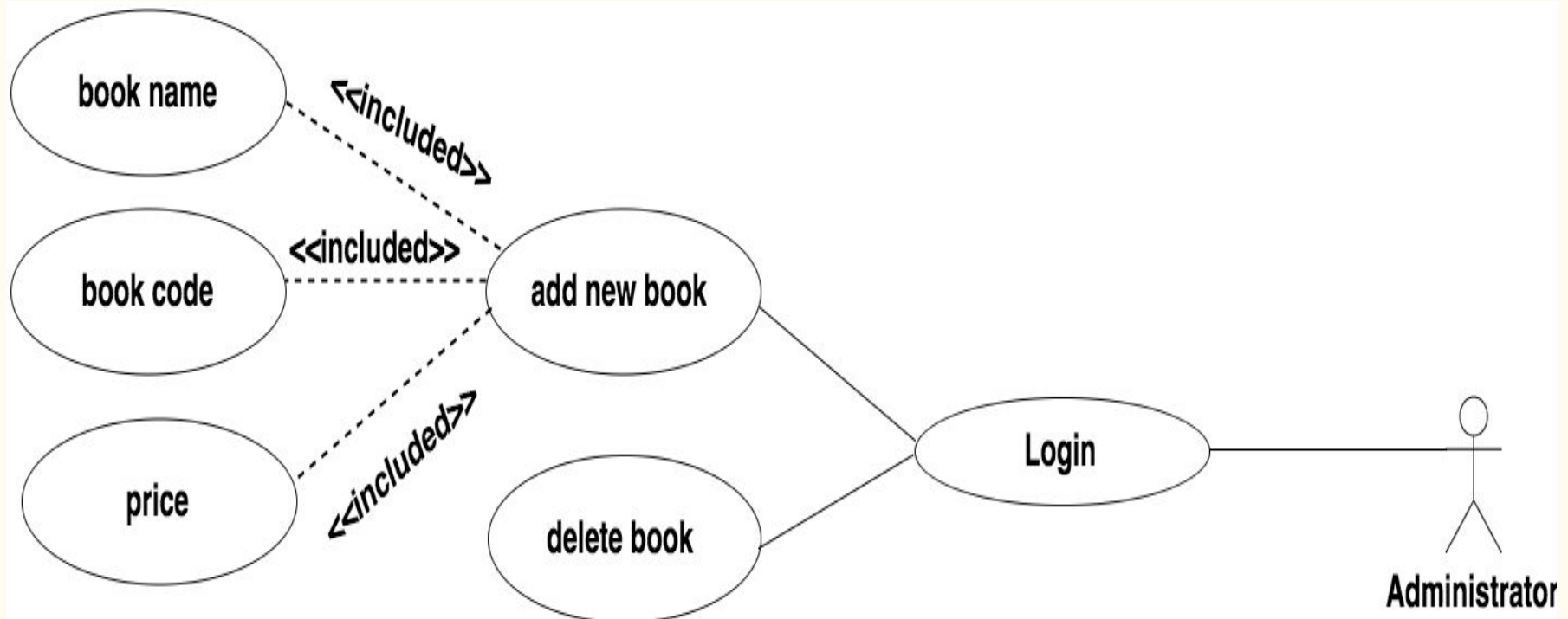# Top Level Architectural Diagram
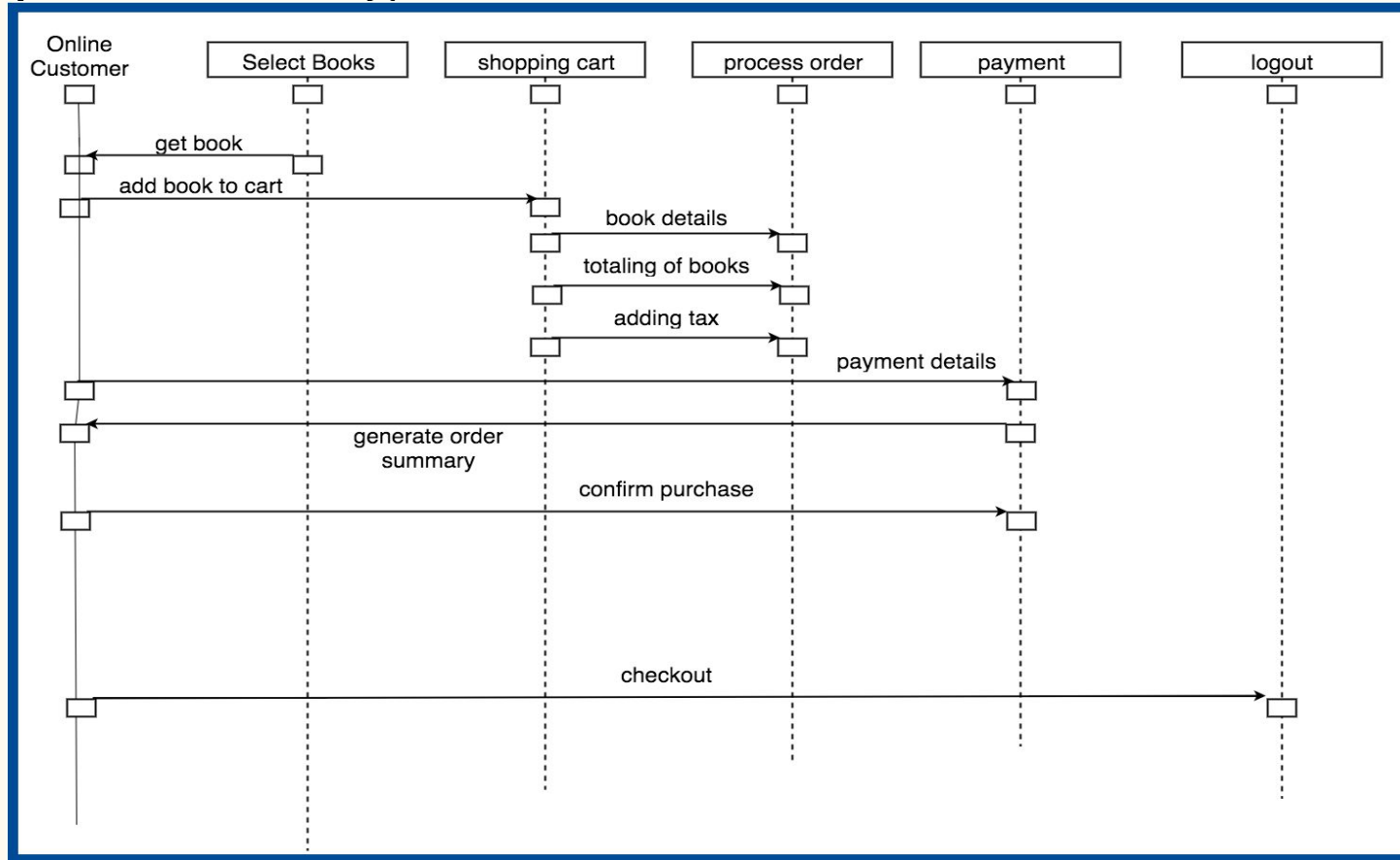
Actors

1. Customer
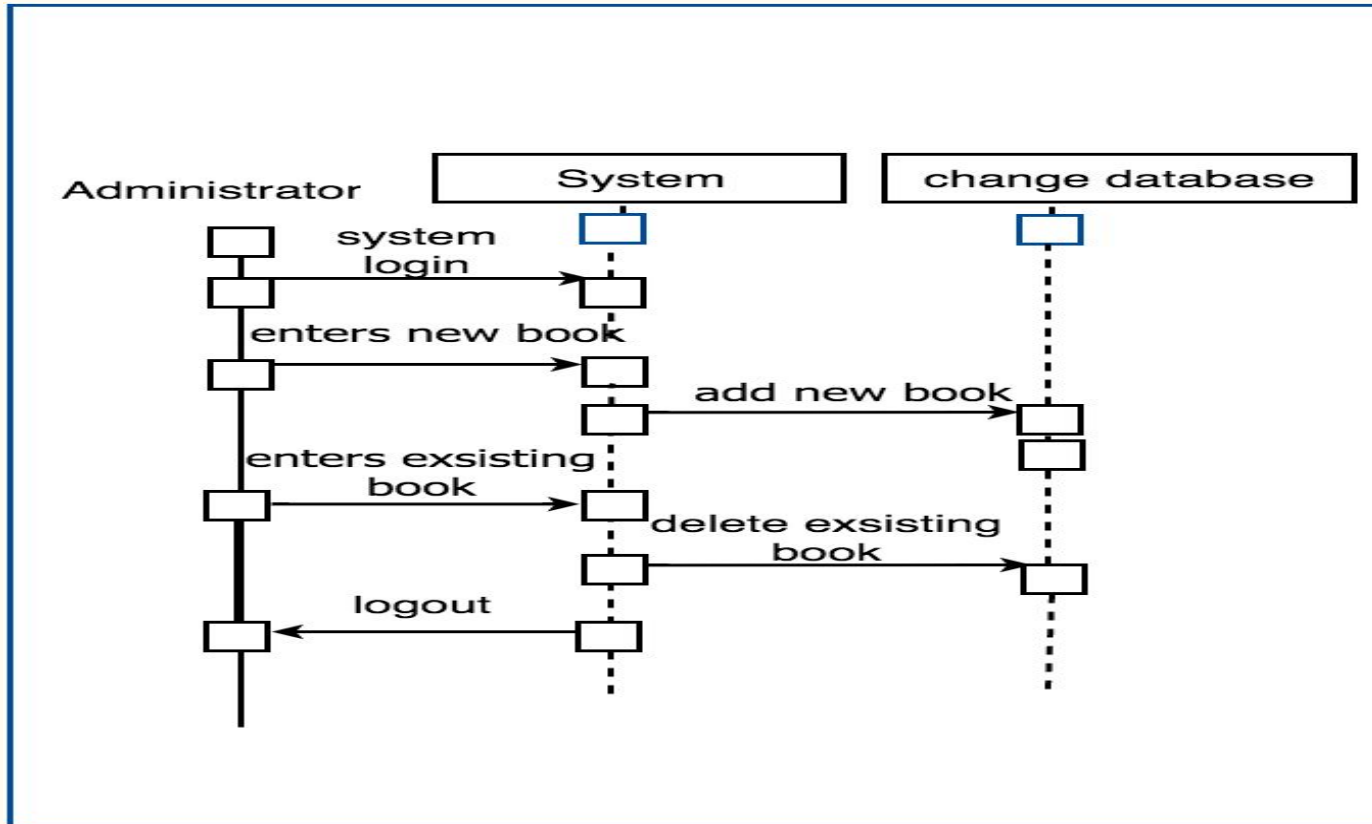2. Administrator
3. System

Customer Use Cases

Administrator Use Case
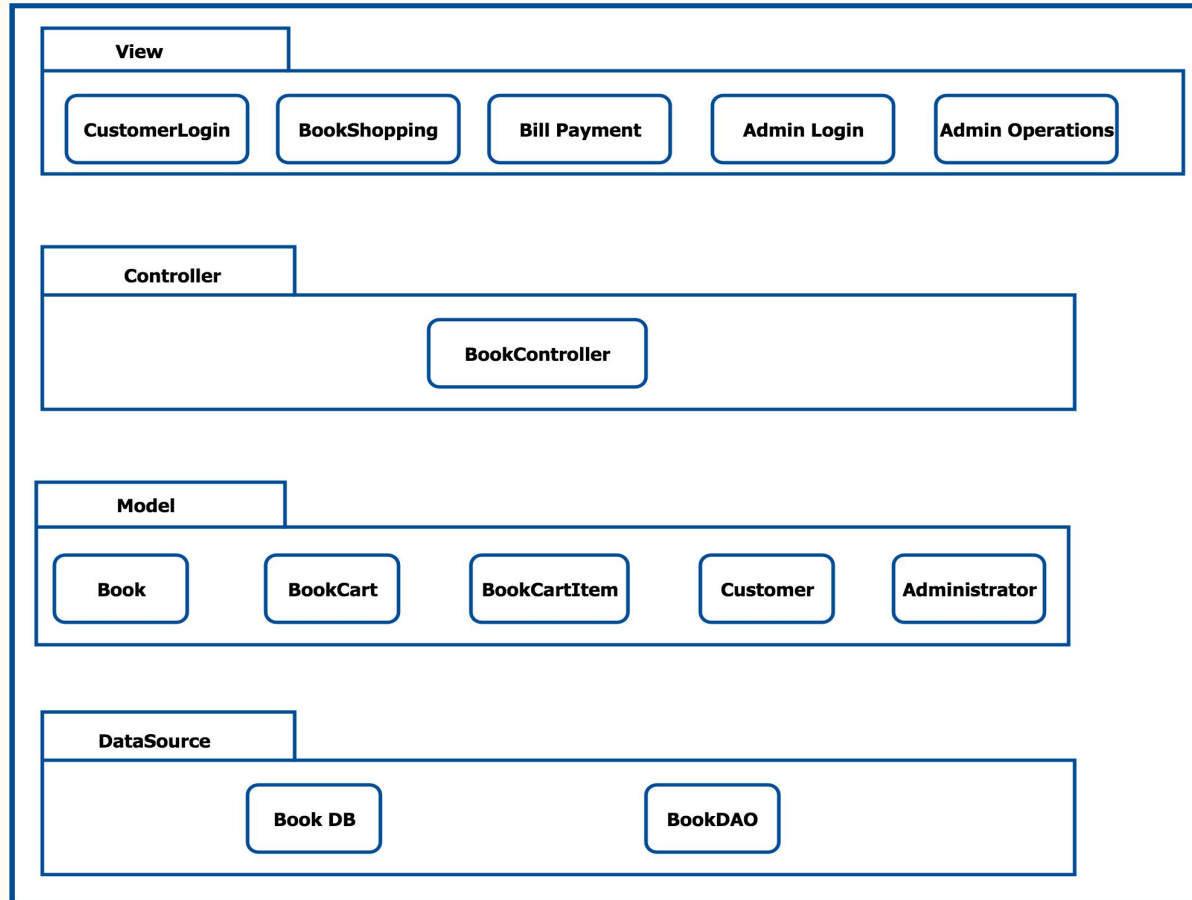
Sequence Diagram - Customer

Sequence Diagram - Administrator

UML Diagram

Logical Architecture Diagram

Working Demo of Book Shopping Application

Thank you