

Name: Abdullah

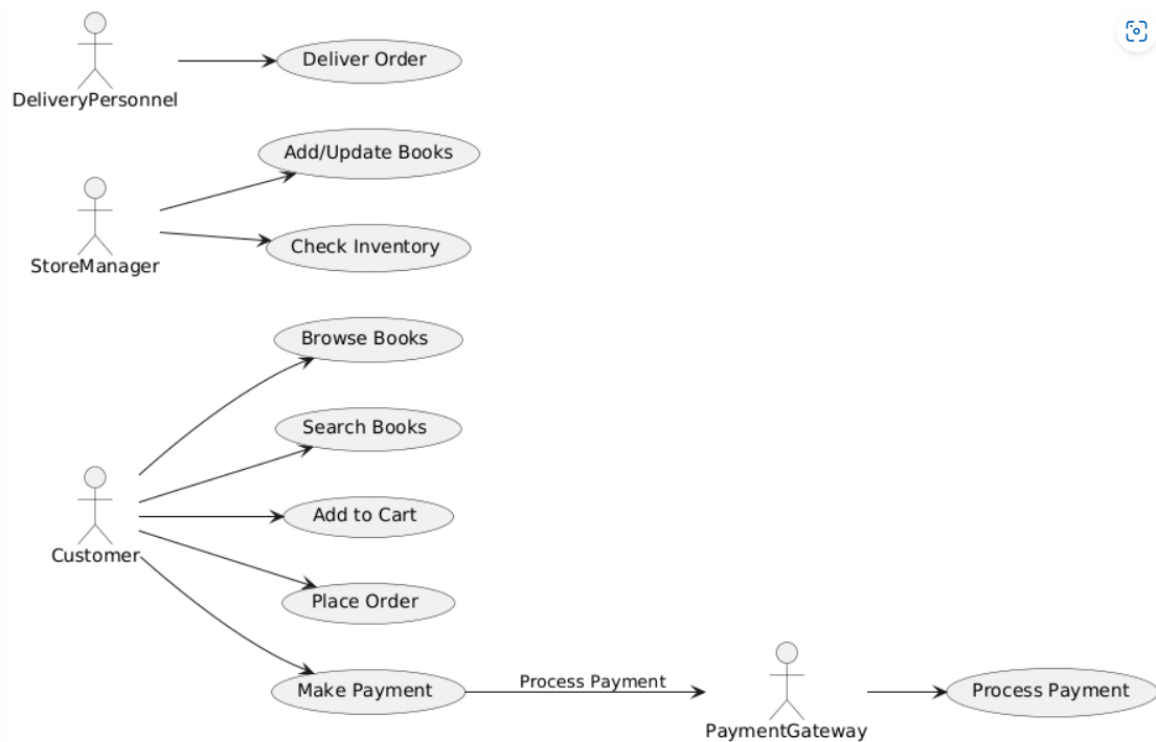
Reg no: FA22-BSE-022

SODTWARE DESIGN AND ARCHITECTURE

Abdullah (FA22-BSE-022)

[COMPANY NAME] [Company address]

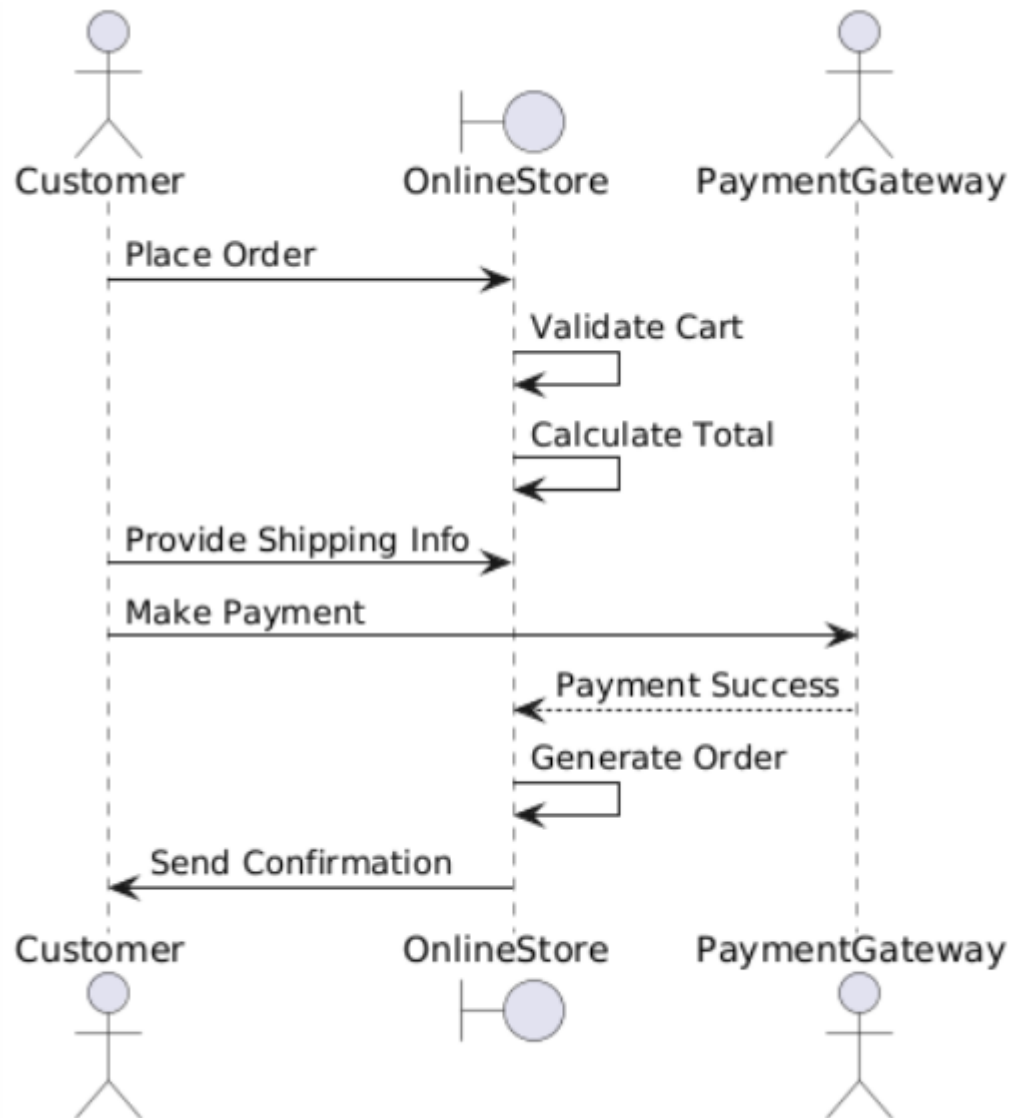
Use Case Diagram:



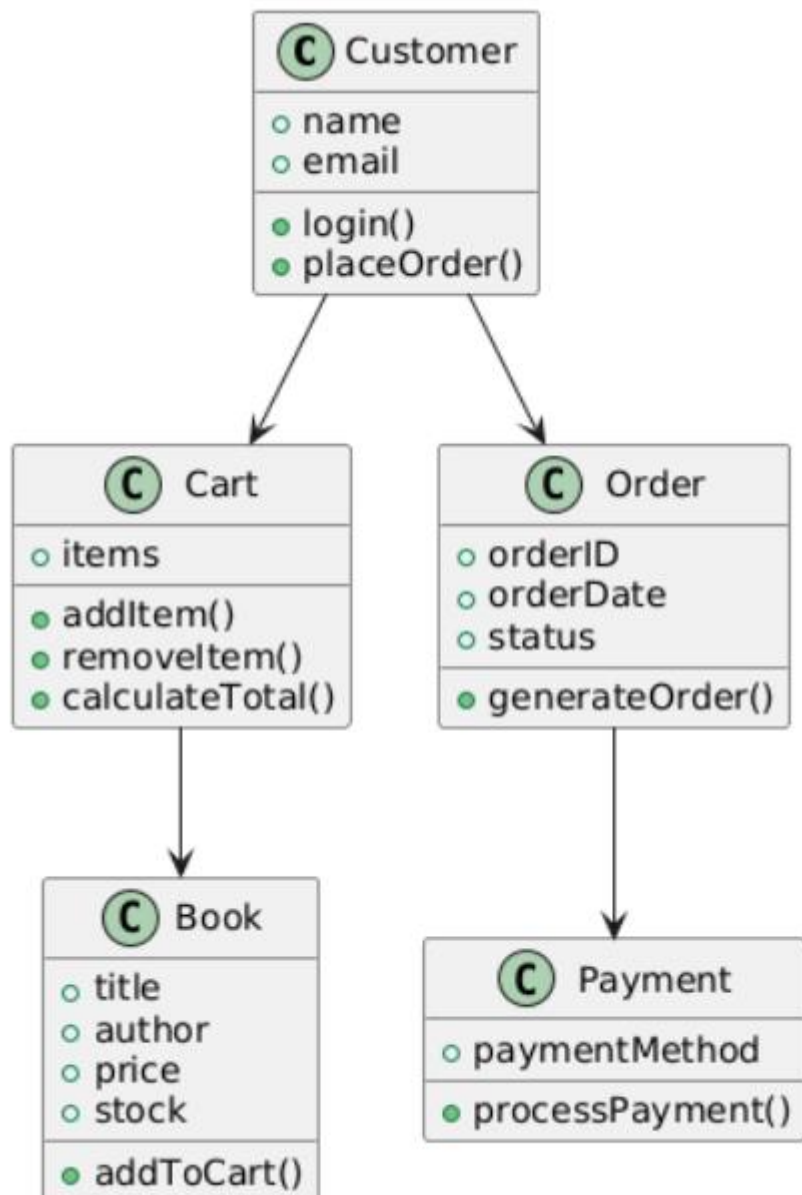
Full Dressed Use case:

Use Case Name	Place Order
Primary Actor	Customer
Stakeholders	Customer, Store, Payment System
Preconditions	Customer is logged in and has items in the cart
Postconditions	Order is placed, inventory is updated, confirmation sent
Main Success Scenario	<ol style="list-style-type: none">1. Customer reviews the items in the cart2. Customer enters delivery information3. System calculates the total amount including shipping4. Customer chooses a payment method5. Payment is processed6. System generates order confirmation
Extensions	<ol style="list-style-type: none">4a. Payment fails: Show error message and retry option6a. Inventory not available: Inform customer and adjust cart
Triggers	Customer clicks "Place Order" button

System Sequenced Diagram:



Class Diagram:



Communication Diagram:

