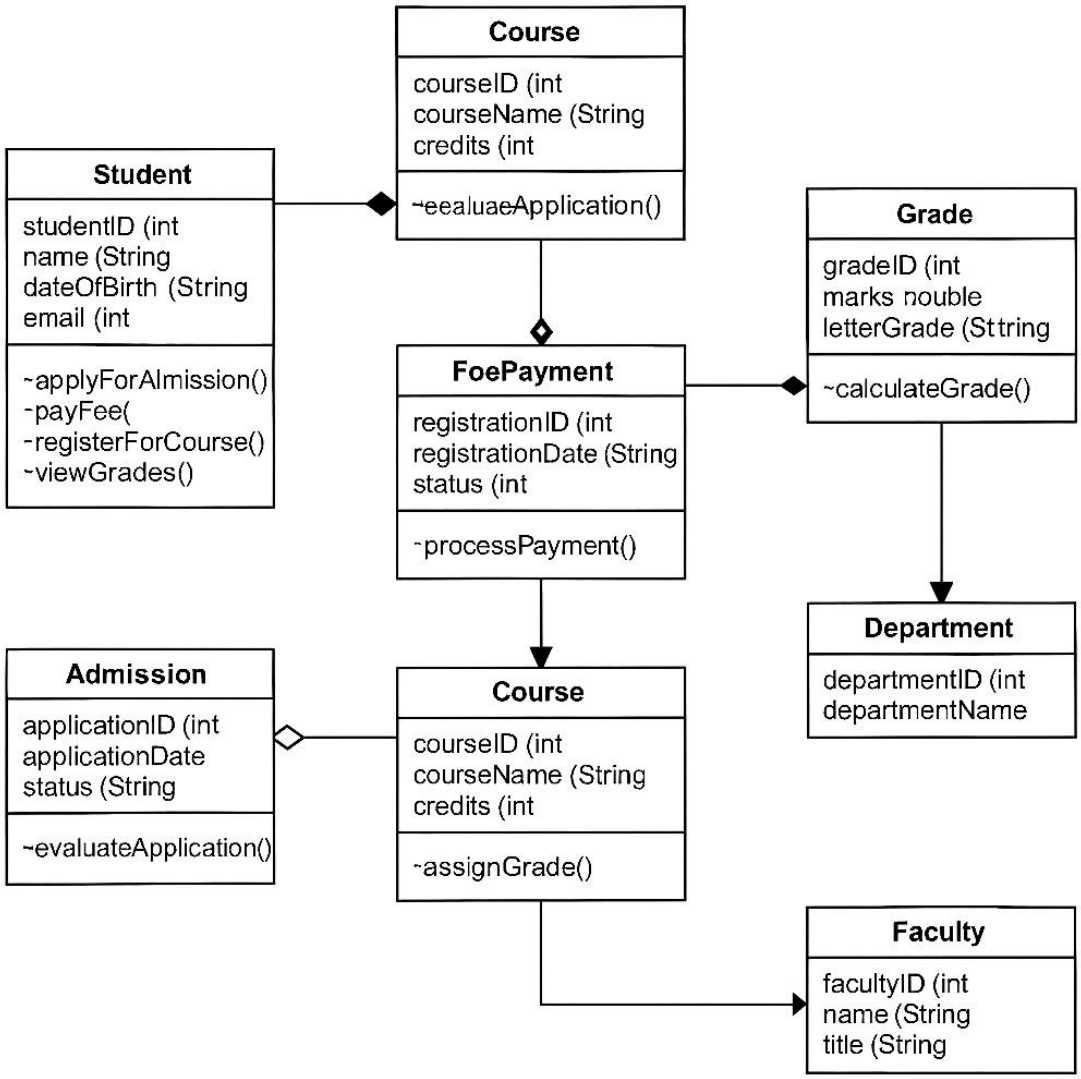
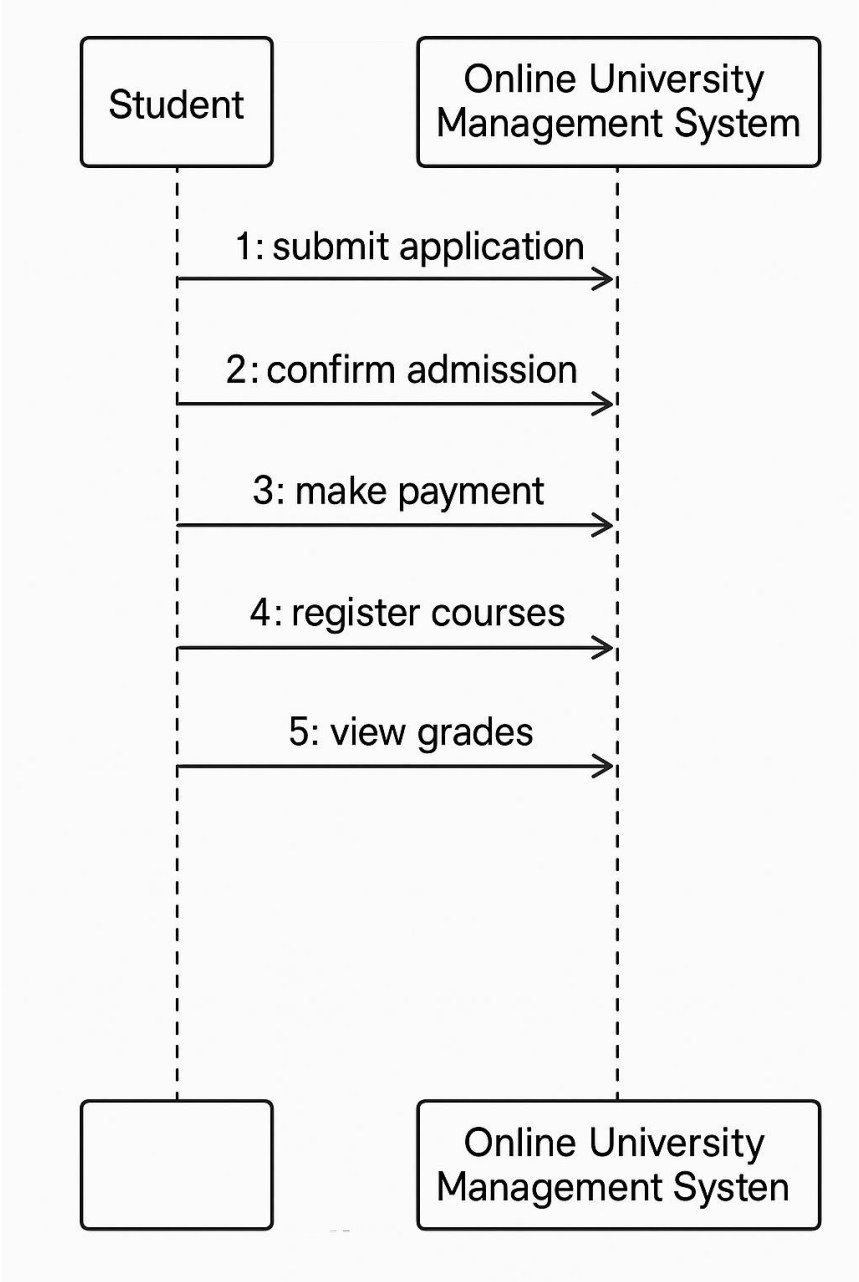
Case Study:

A university with a large student population plans to develop an **Online University Management System (UMS)** to enhance efficiency in academic and administrative tasks. The existing manual system for admissions, fee payments, course registration, and grading causes delays, errors, and inefficiencies**.** Students face long wait times for admission confirmation, while the fee payment system is prone to misplaced records and transaction errors. Course registration requires physical visits, leading to overcrowding and scheduling conflicts. Additionally, manual grading makes tracking academic progress difficult for students and faculty.

Create the class diagram from the given case study.

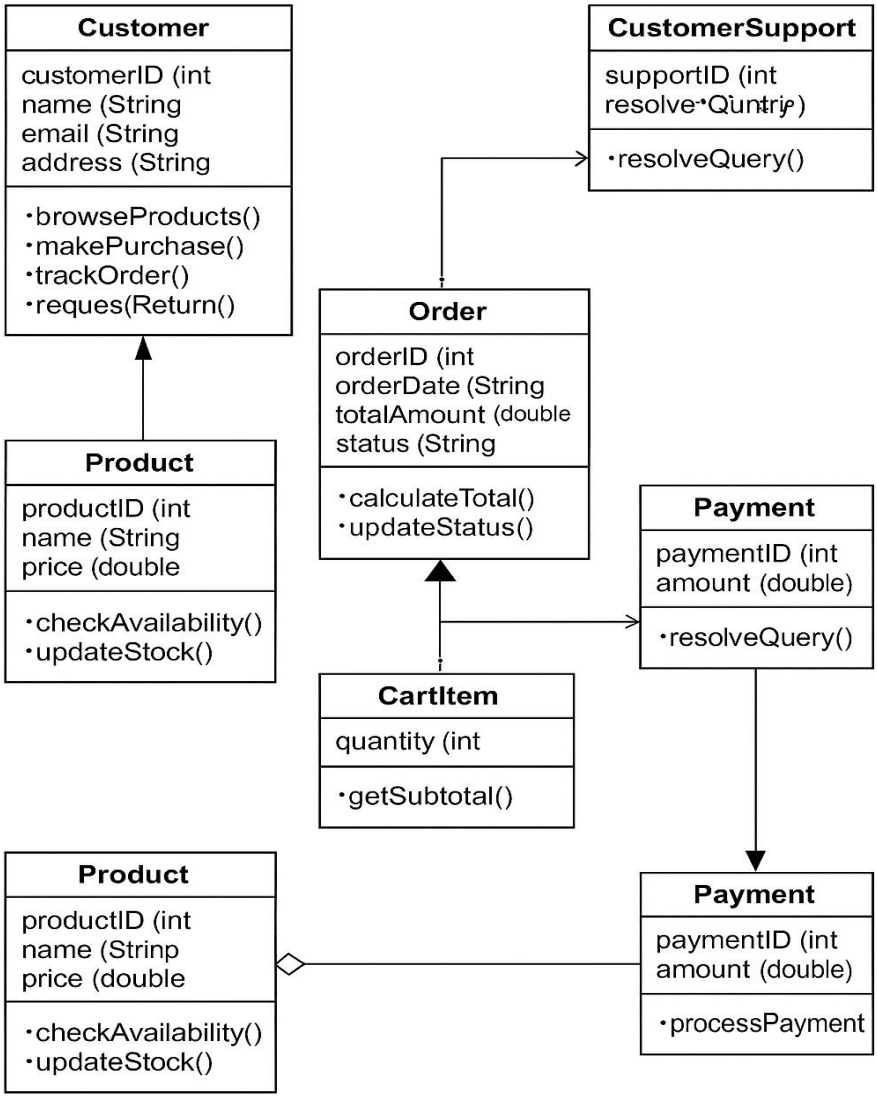


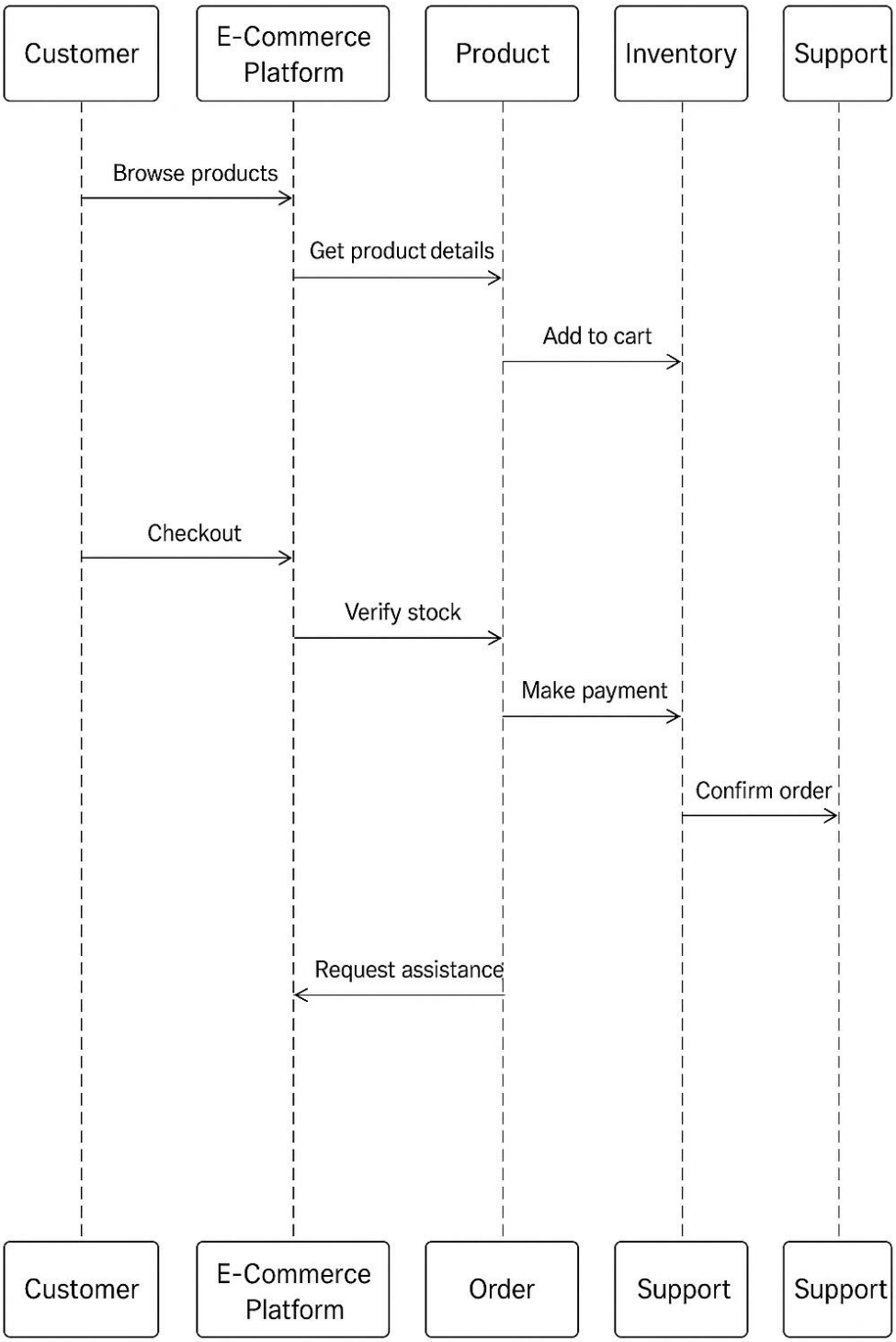

Student
Online University Management System
1: submit application
2: confirm admission
3: make payment
4: register courses
5: view grades
Online University Management Systen

Case Study:

A retail company plans to expand its business by launching an e-commerce platform to provide a seamless online shopping experience. The platform will enable customers to browse products, make purchases, track orders, and request returns or exchanges**.** Currently, the company operates through physical stores, limiting its reach. To stay competitive, it aims to implement a fully functional e-commerce system that enhances both customer interactions and backend operations**.** The system will include inventory management for efficient stock tracking, secure payment processing to ensure safe transactions, and customer support integration with chatbots and live chat for query resolution.

.**Understand the case study care fully and create the UML Class diagram for the given case study.**




Customer
E-Commerce Platform
Product
Inventory
Support
Browse products
Get product details
Add to cart
Checkout
Verify stock
Make payment
Confirm order
Request assistance
Customer
E-Commerce Platform
Order
Support
Support