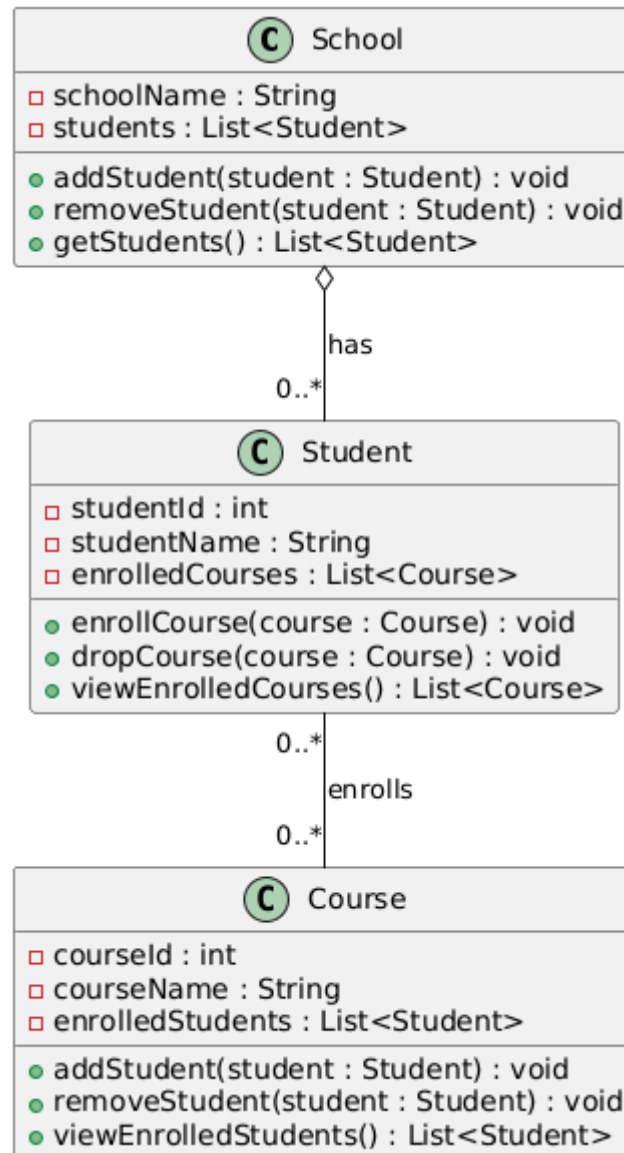
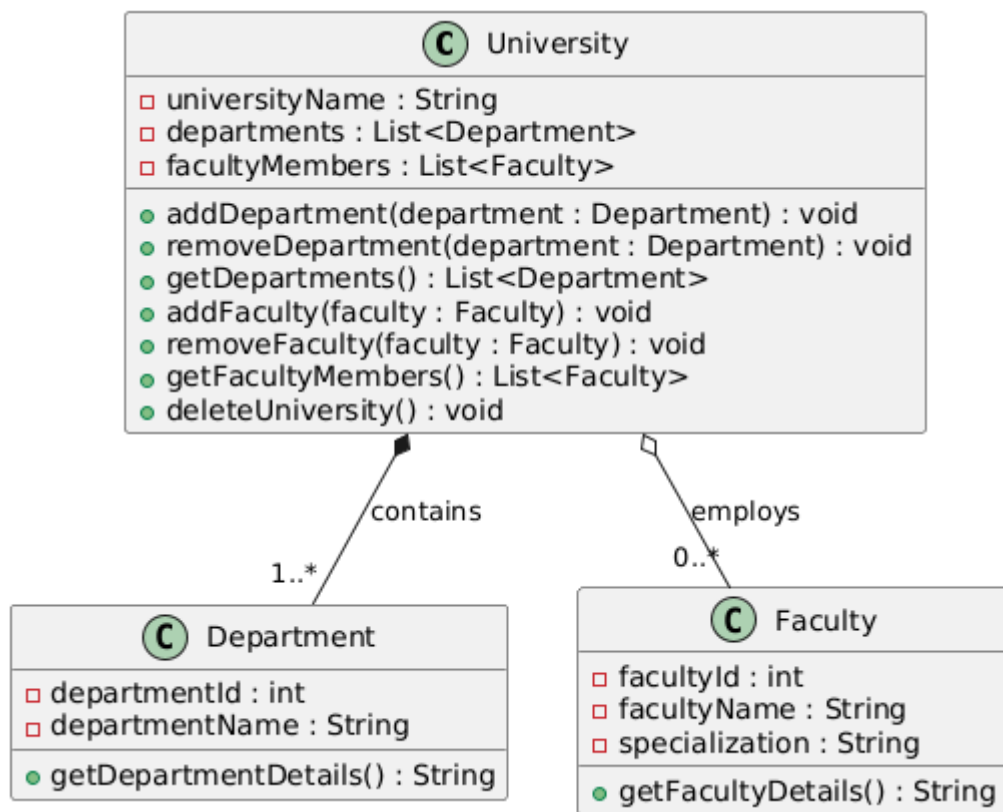


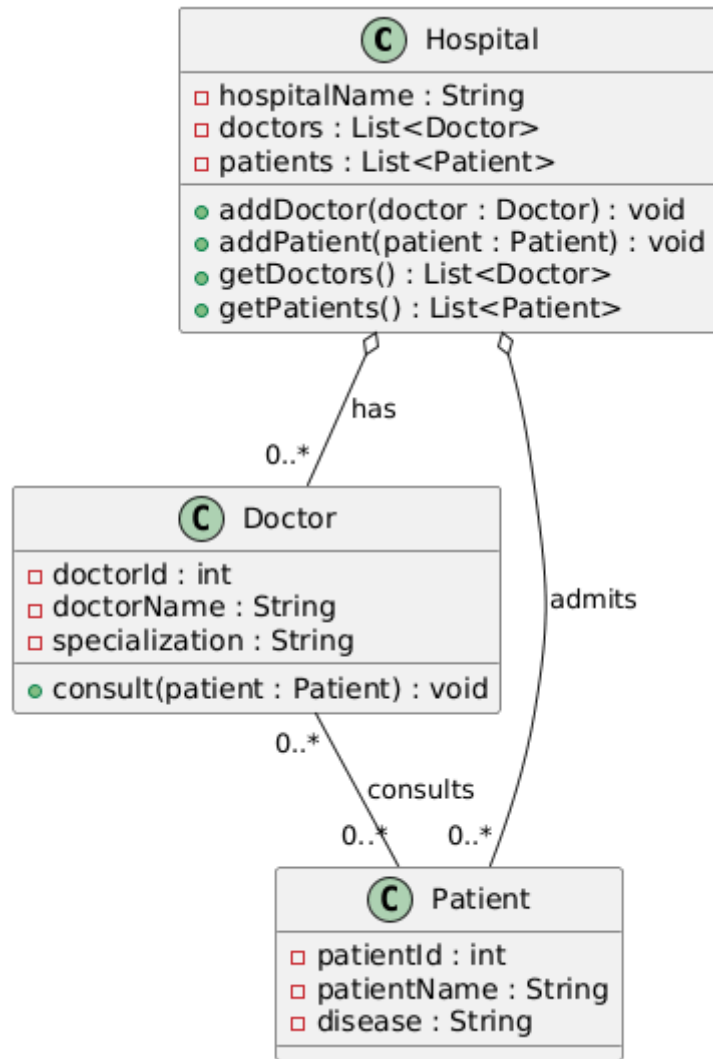
Problem 1: School and Students with Courses (Association and Aggregation)



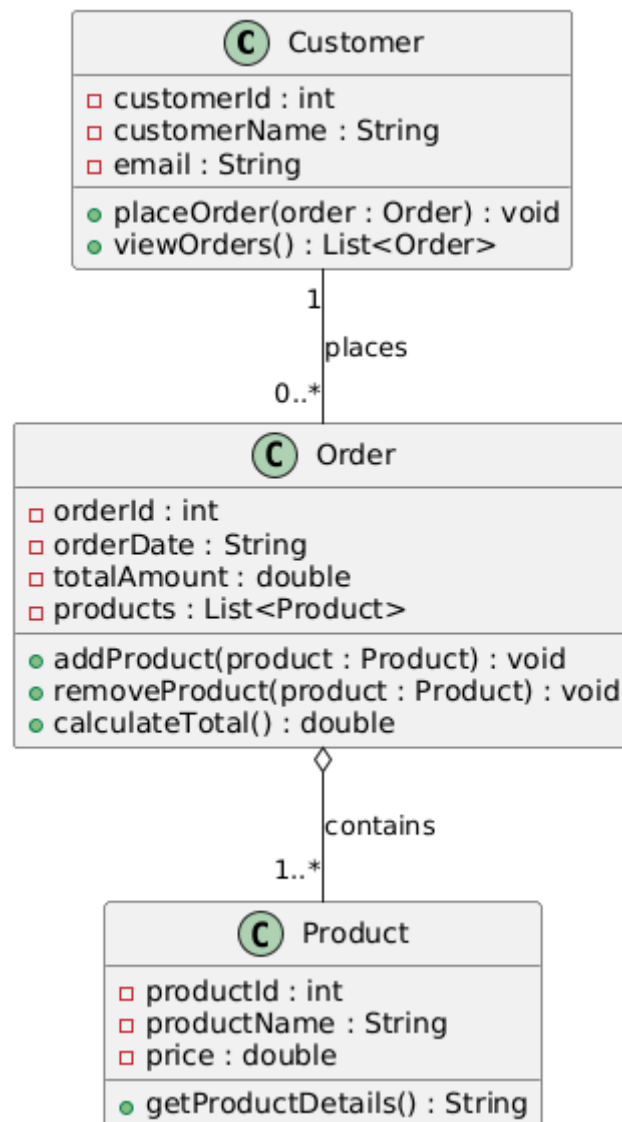
Problem 2: University with Faculties and Departments (Composition and Aggregation)



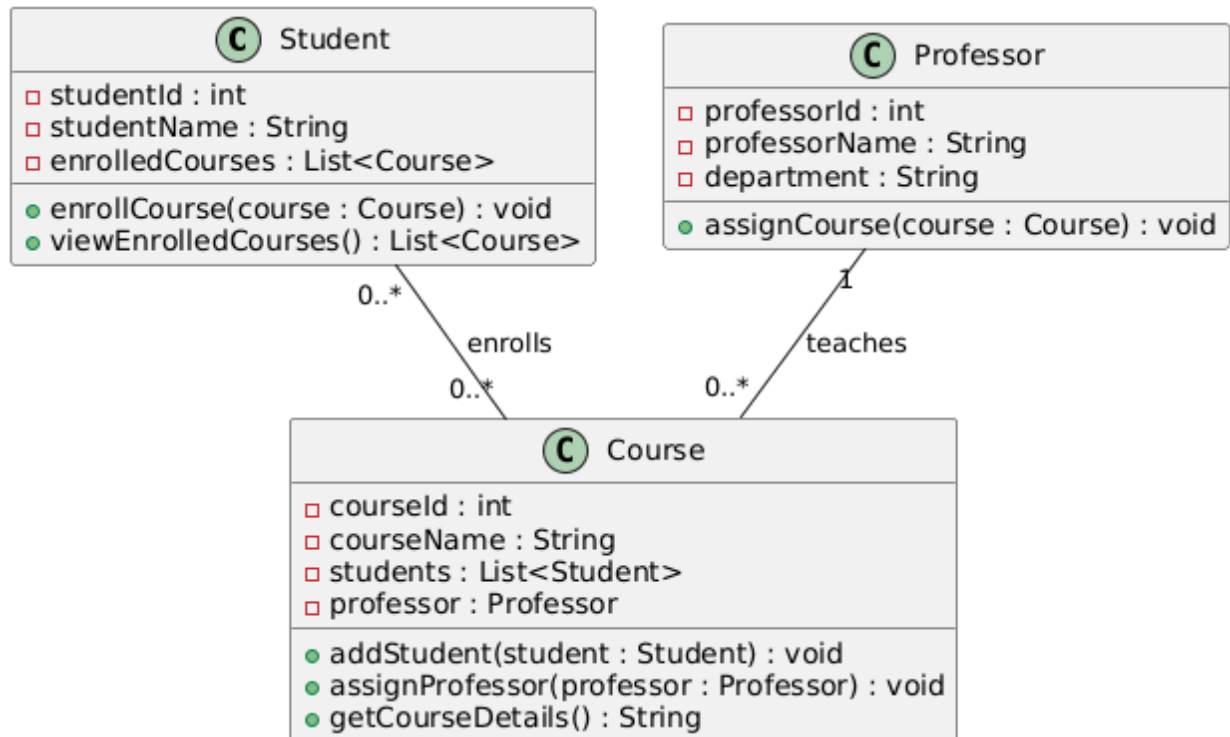
Problem 3: Hospital, Doctors, and Patients (Association and Communication)



Problem 4: E-commerce Platform with Orders, Customers, and Products

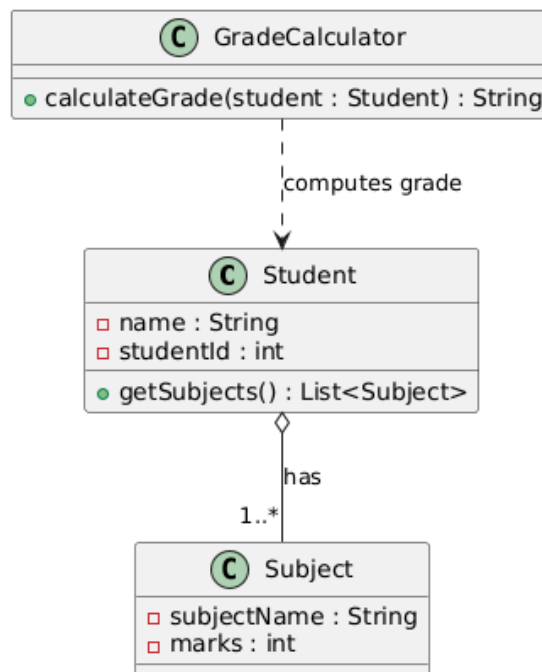


Problem 5: University Management System

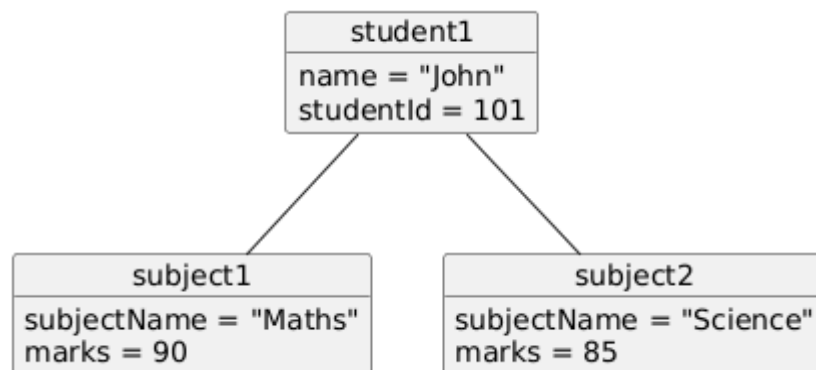


Sample Problem 1: School Results Application

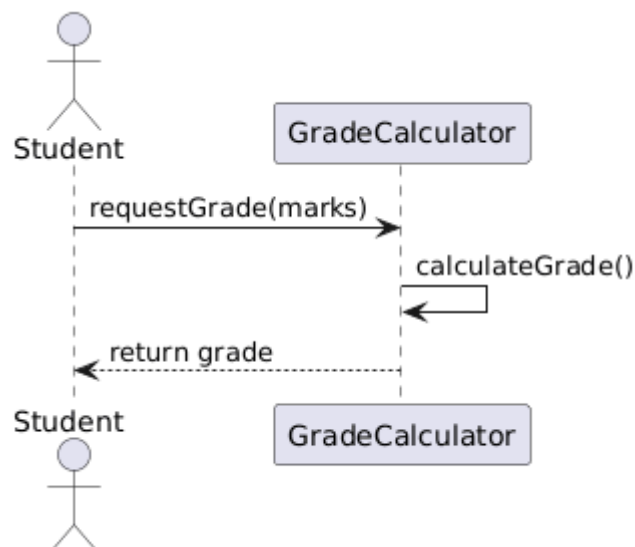
Class Diagram



Object Diagram

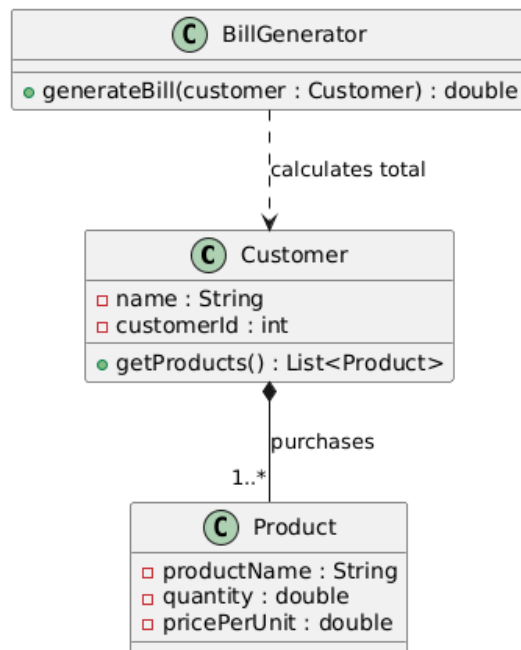


Sequence Diagram

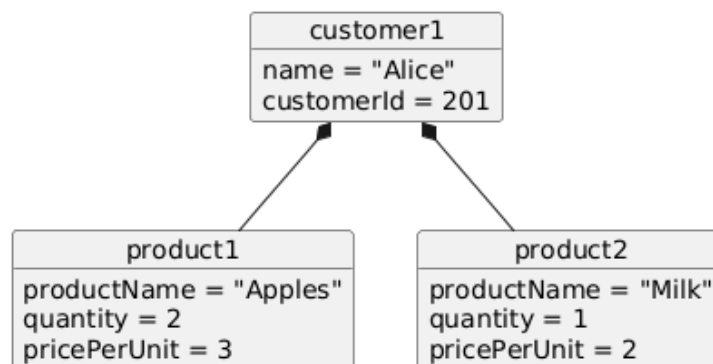


Sample Problem 2: Grocery Store Bill Generation Application

Class Diagram



Object Diagram



Sequence Diagram

