

LIBRARY MANAGEMENT SYSTEM

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3. DESIGN

- 3.1 Use Case Diagram
- 3.2 Class Diagram
- 3.3 Sequence Diagram

ANALYSIS

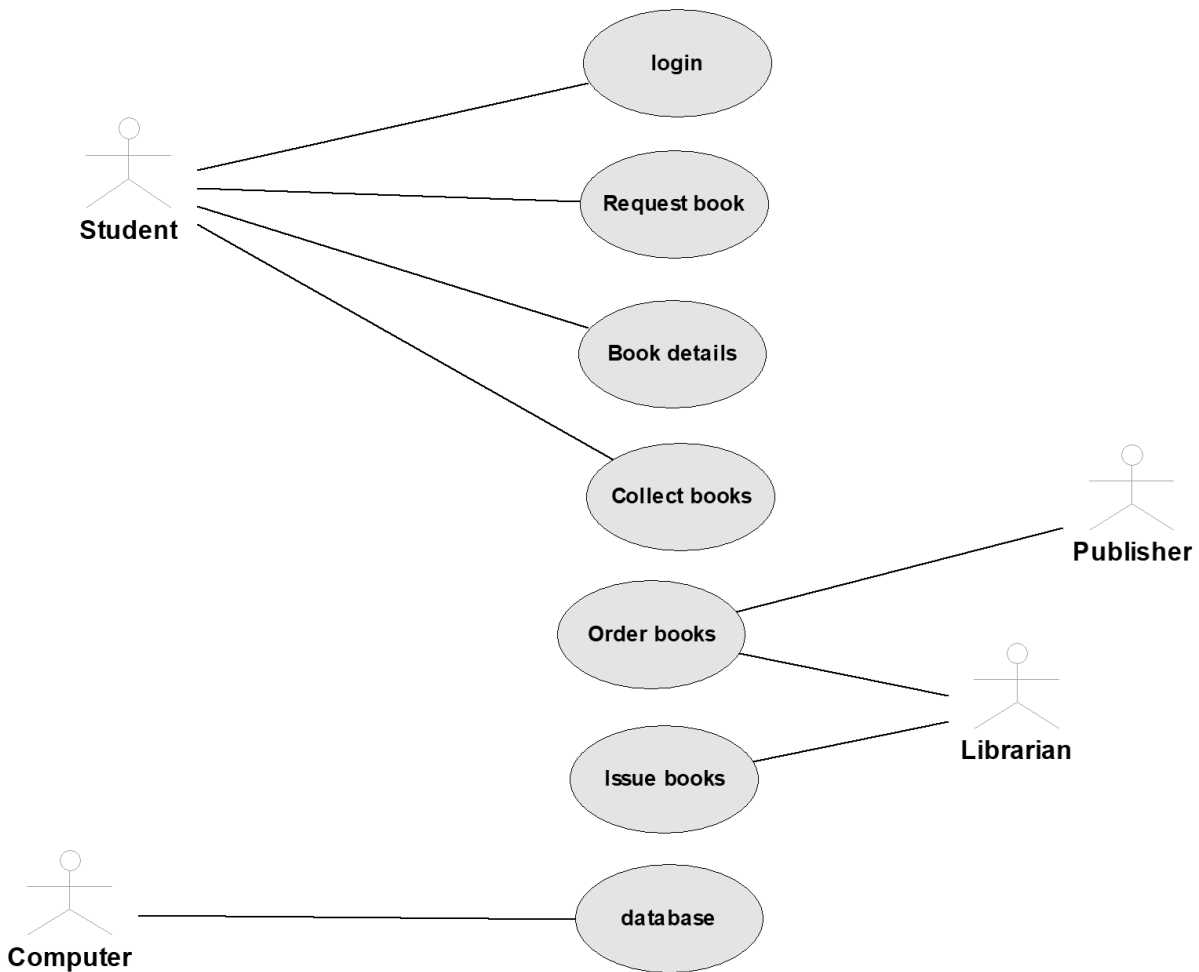
Identifying the Actors

- Student
- Computer Database
- Publisher
- Librarian

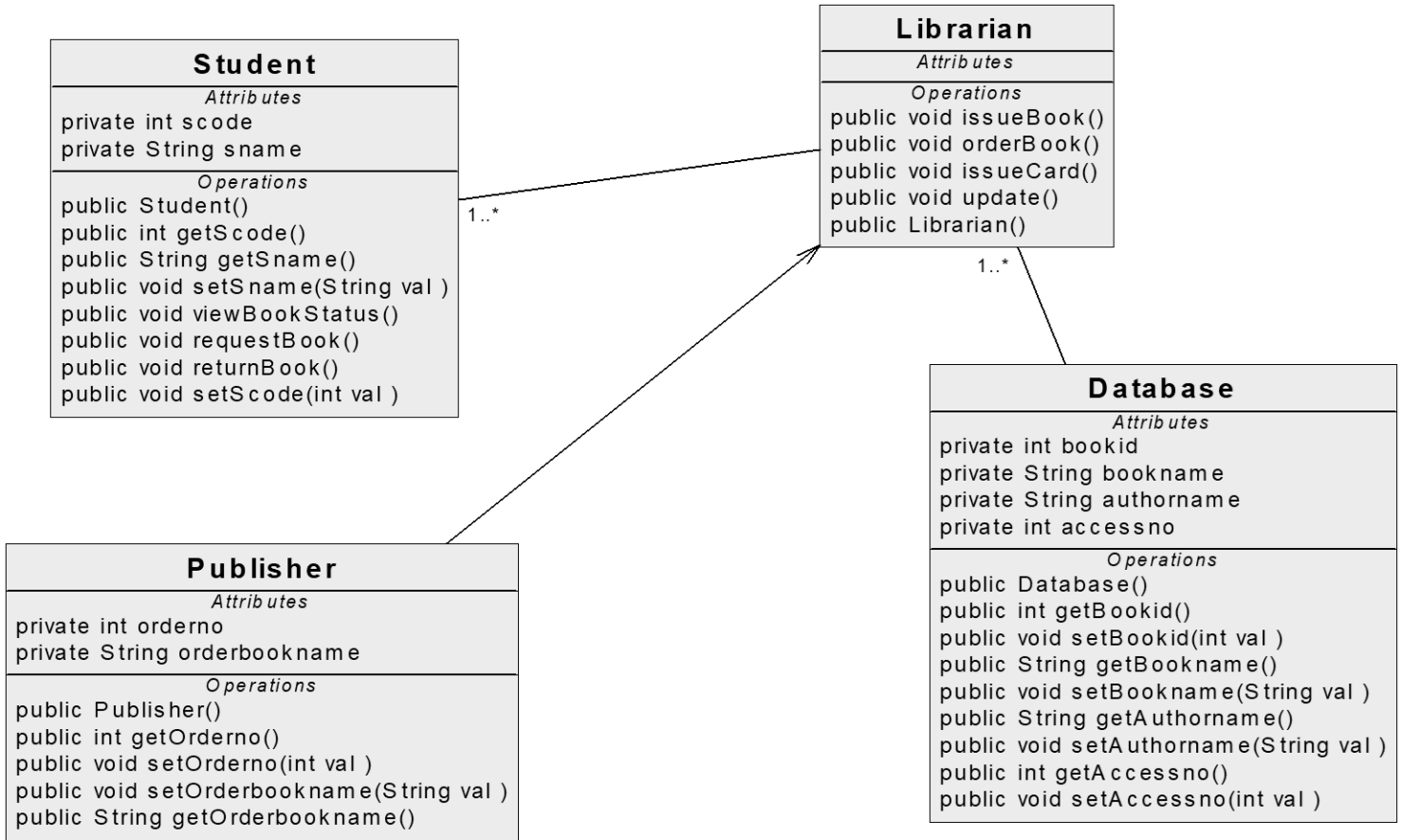
Identifying the Use Cases

- Login
- Request Book
- Book Details
- Collect Books
- Order Books
- Issue Books
- Database

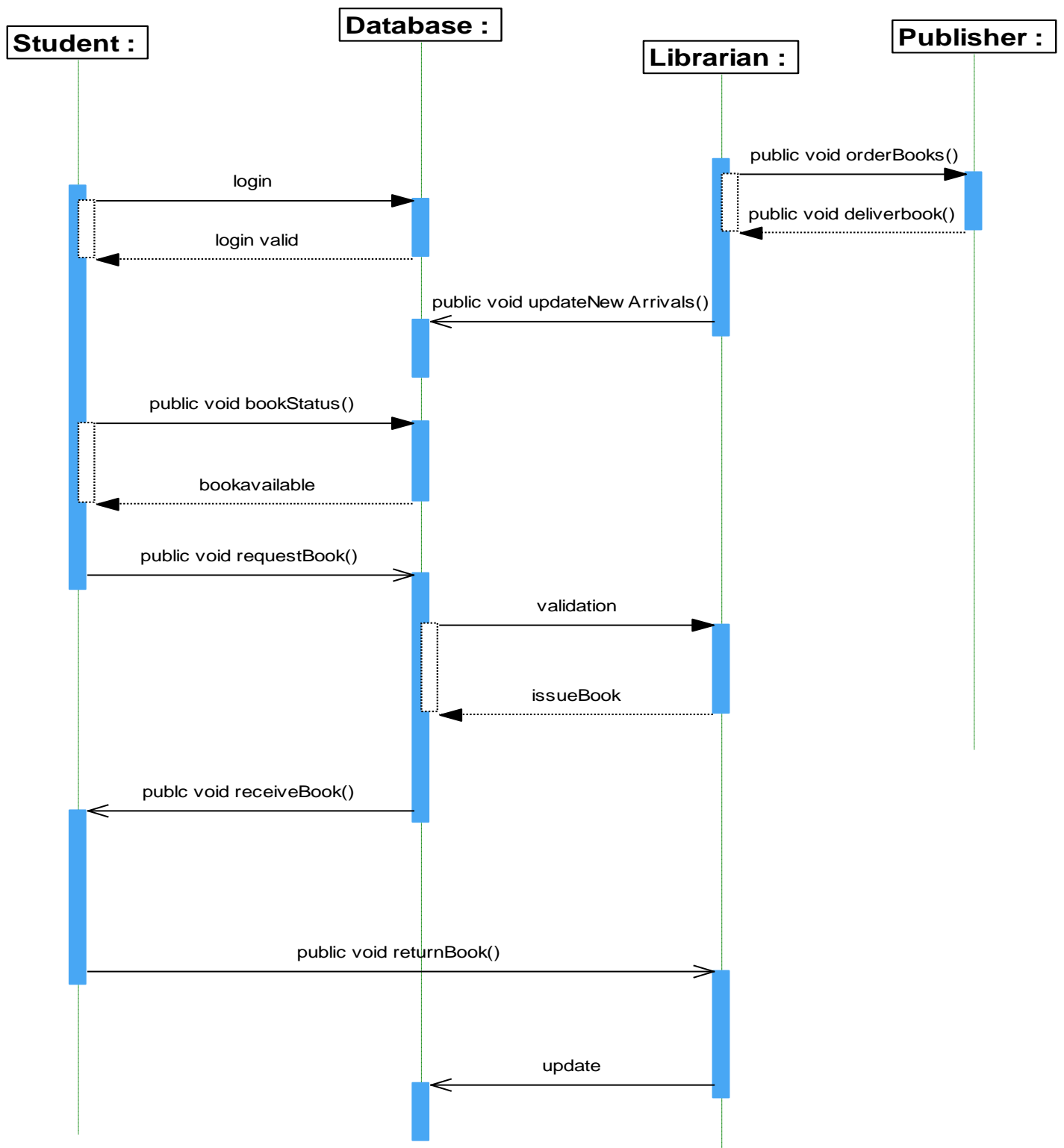
USE CASE DIAGRAM



CLASS DIAGRAM



SEQUENCE DIAGRAM



ACTIVITY DIAGRAM

LibrarySystem

Student

Librarian

Computer

Login

View Book Status

Return books

Request for books

Database

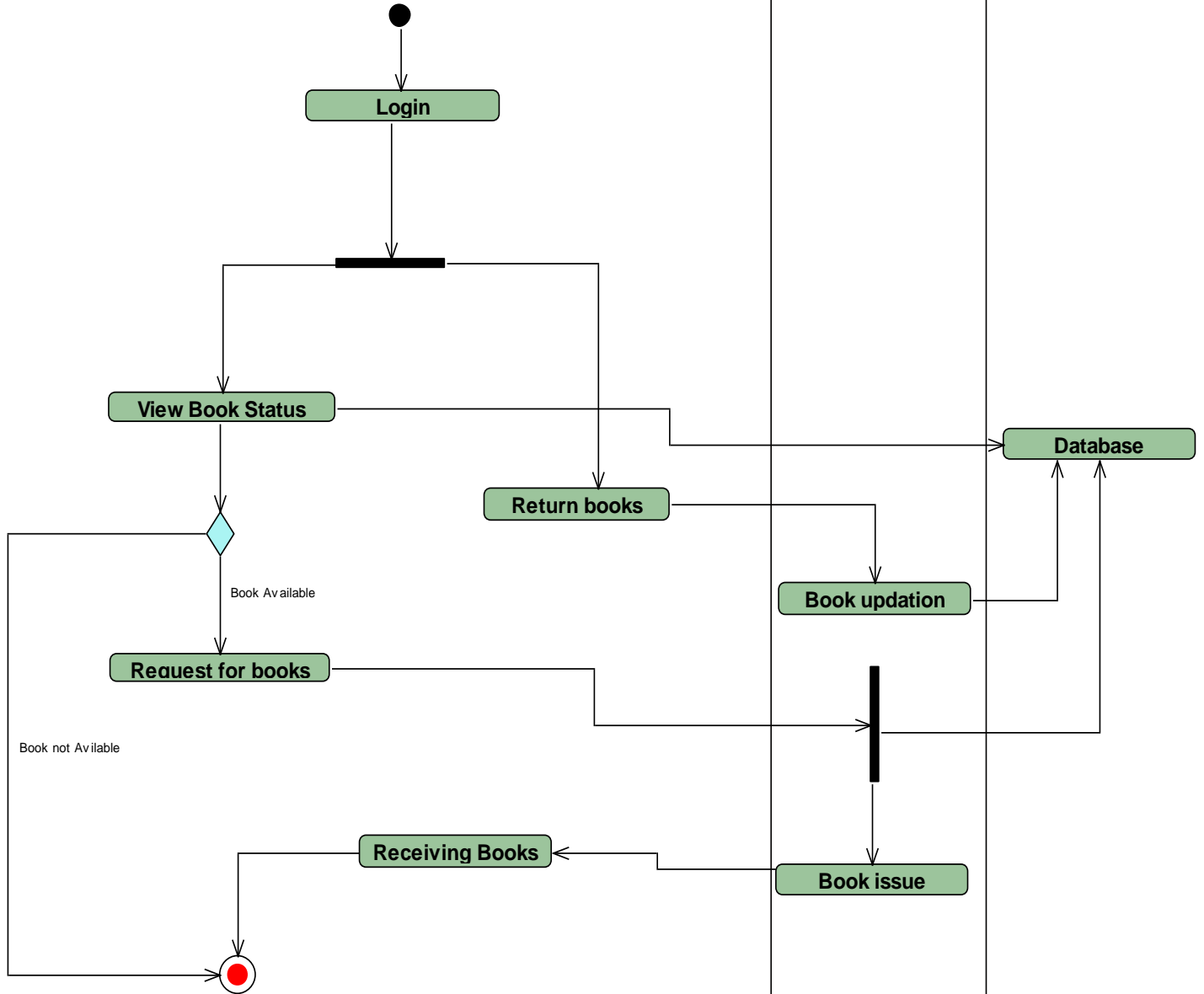
Book updation

Receiving Books

Book issue

Book Av ailable

Book not Av ilable



COURSE REGISTRATION SYSTEM

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ANALYSIS

Identifying the Actors

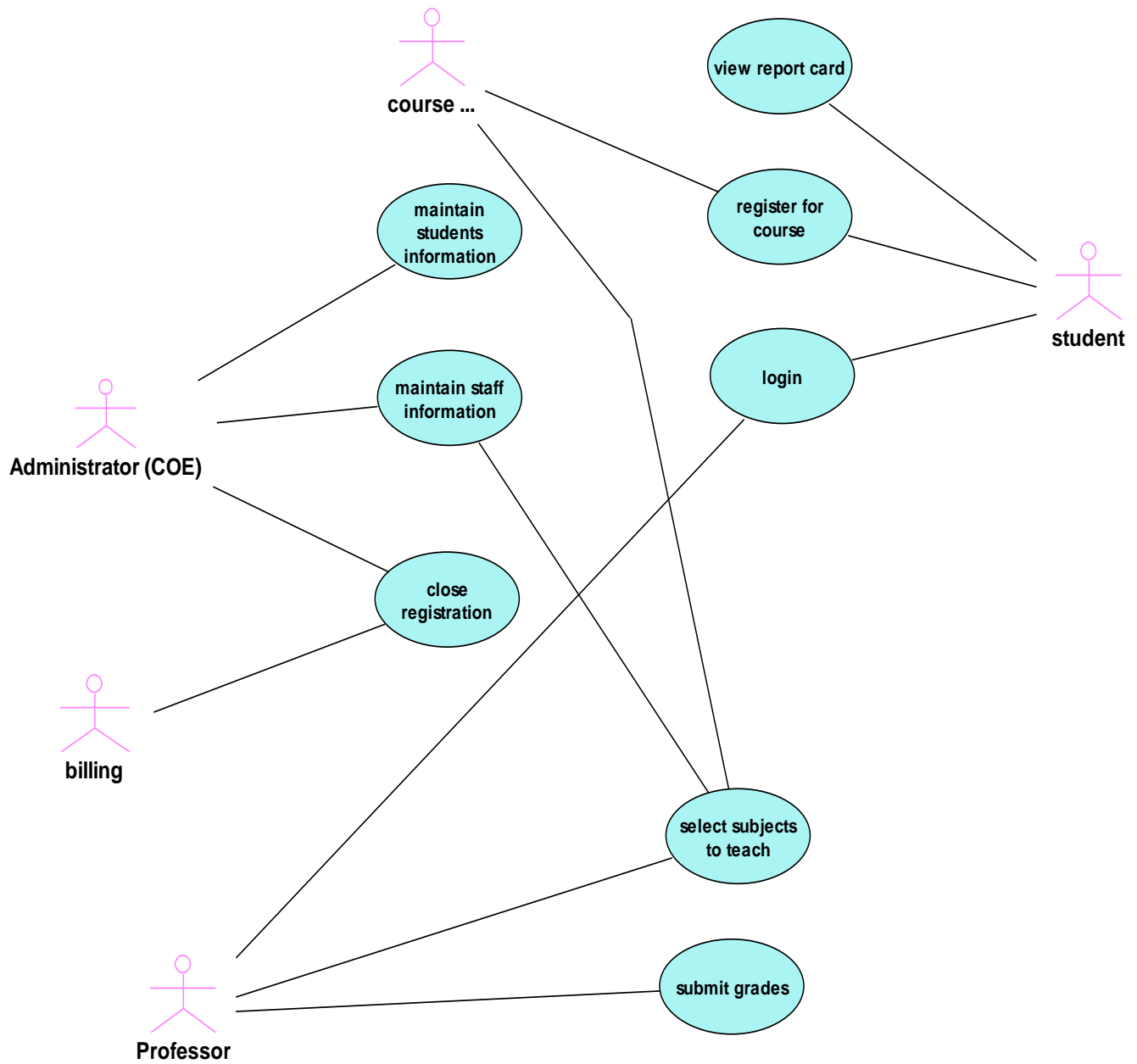
- Administrator
- Course
- Professor
- Student
- Billing

Identifying the Use Cases

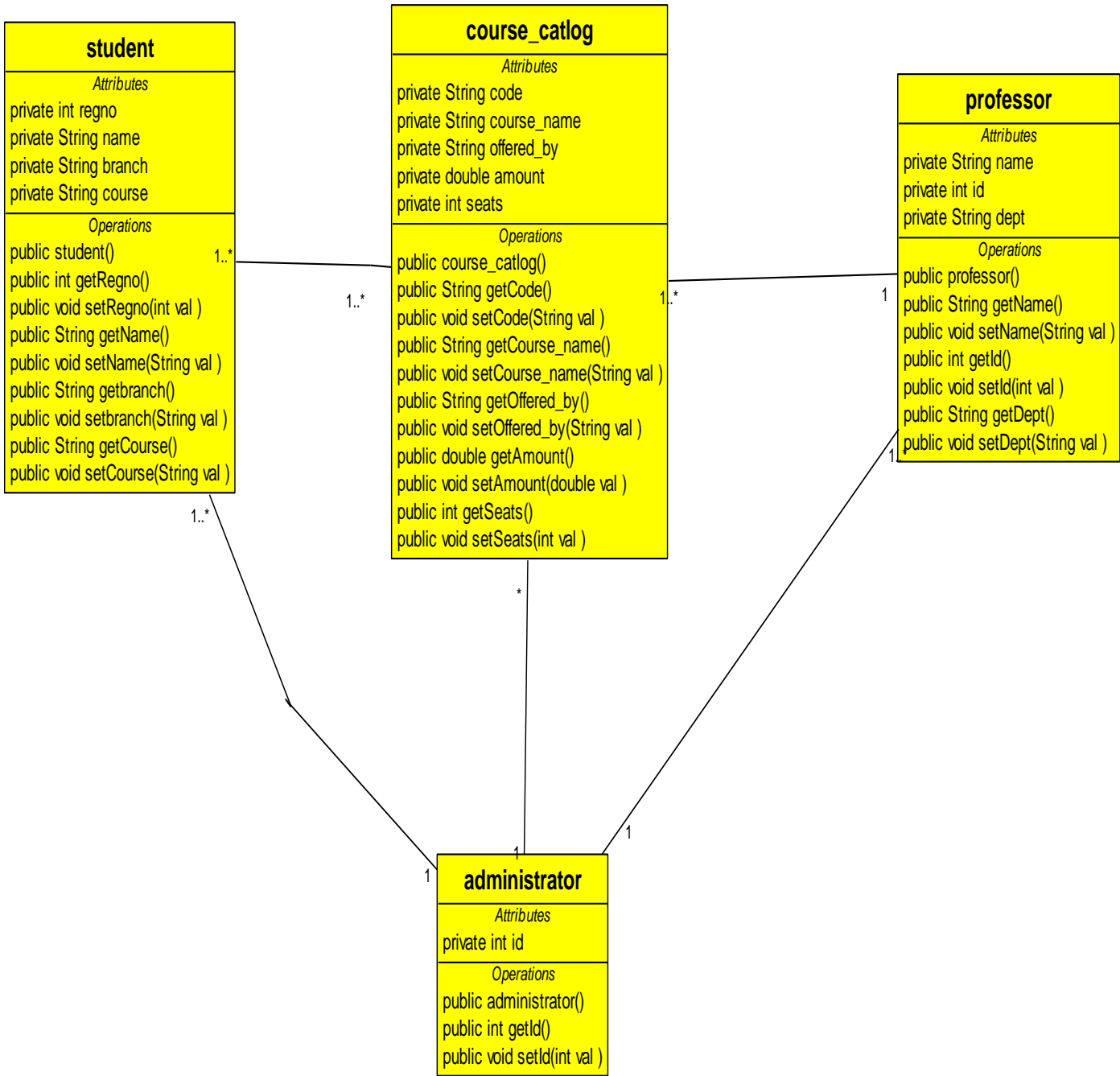
- Maintain Student Information
- Maintain Subject Information
- Done Registration
- View Report Card
- Register Course
- Select subjects to teach
- Check for validity

- Submit grades

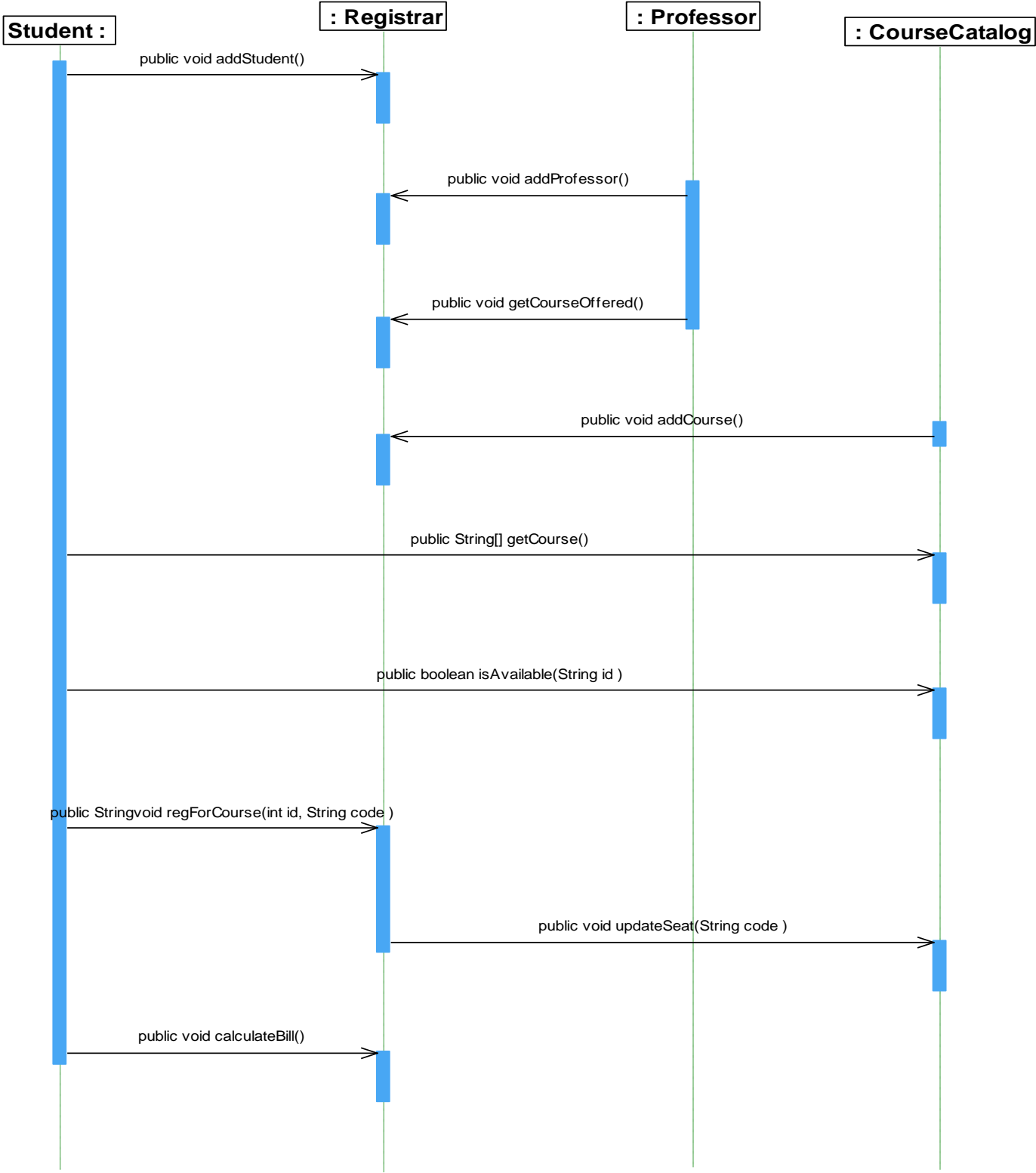
USE CASE DIAGRAM



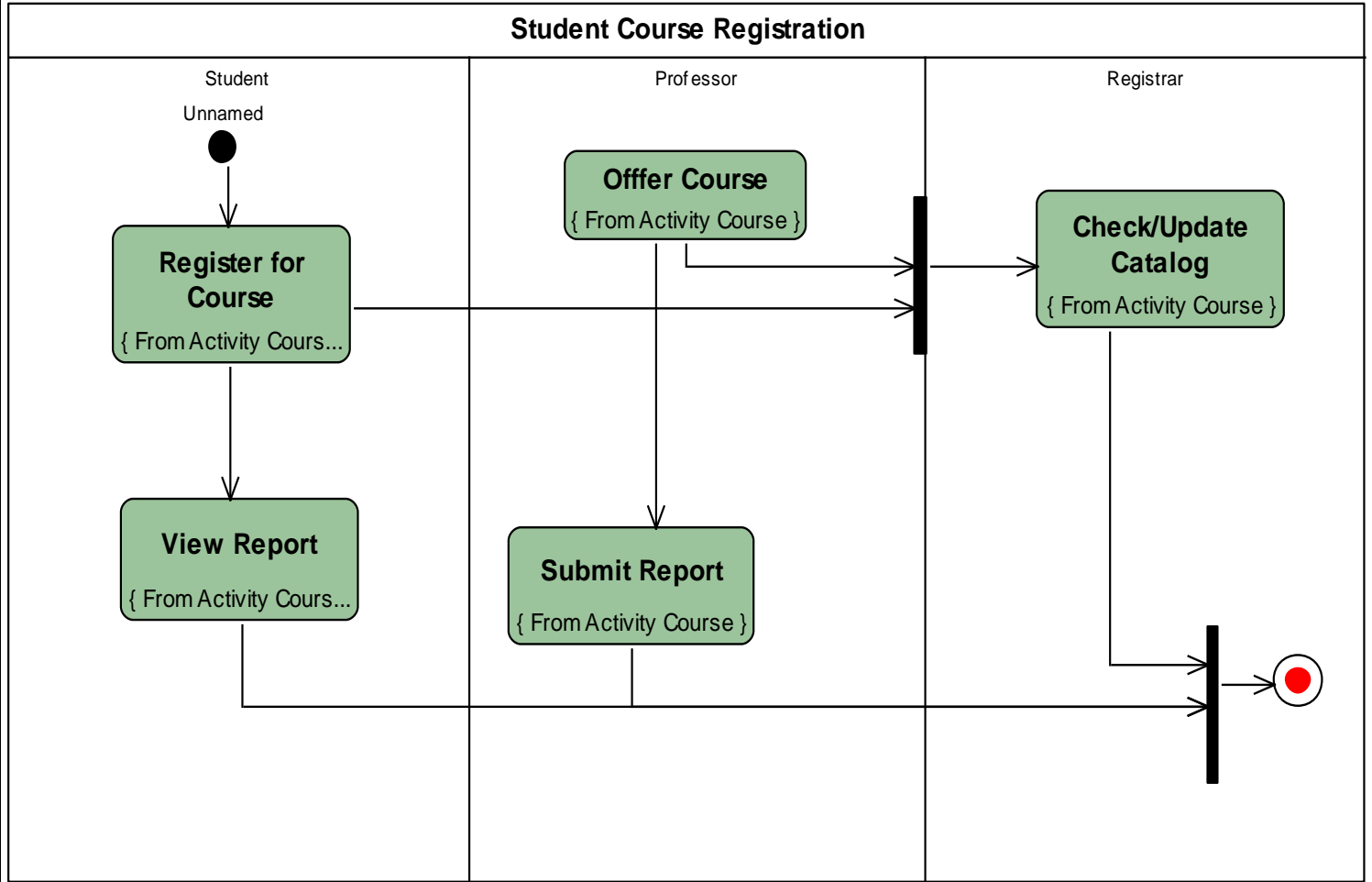
CLASS DIAGRAM



SEQUENCE DIAGRAM



ACTIVITY DIAGRAM



ONLINE PURCHASE SYSTEM

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ANALYSIS

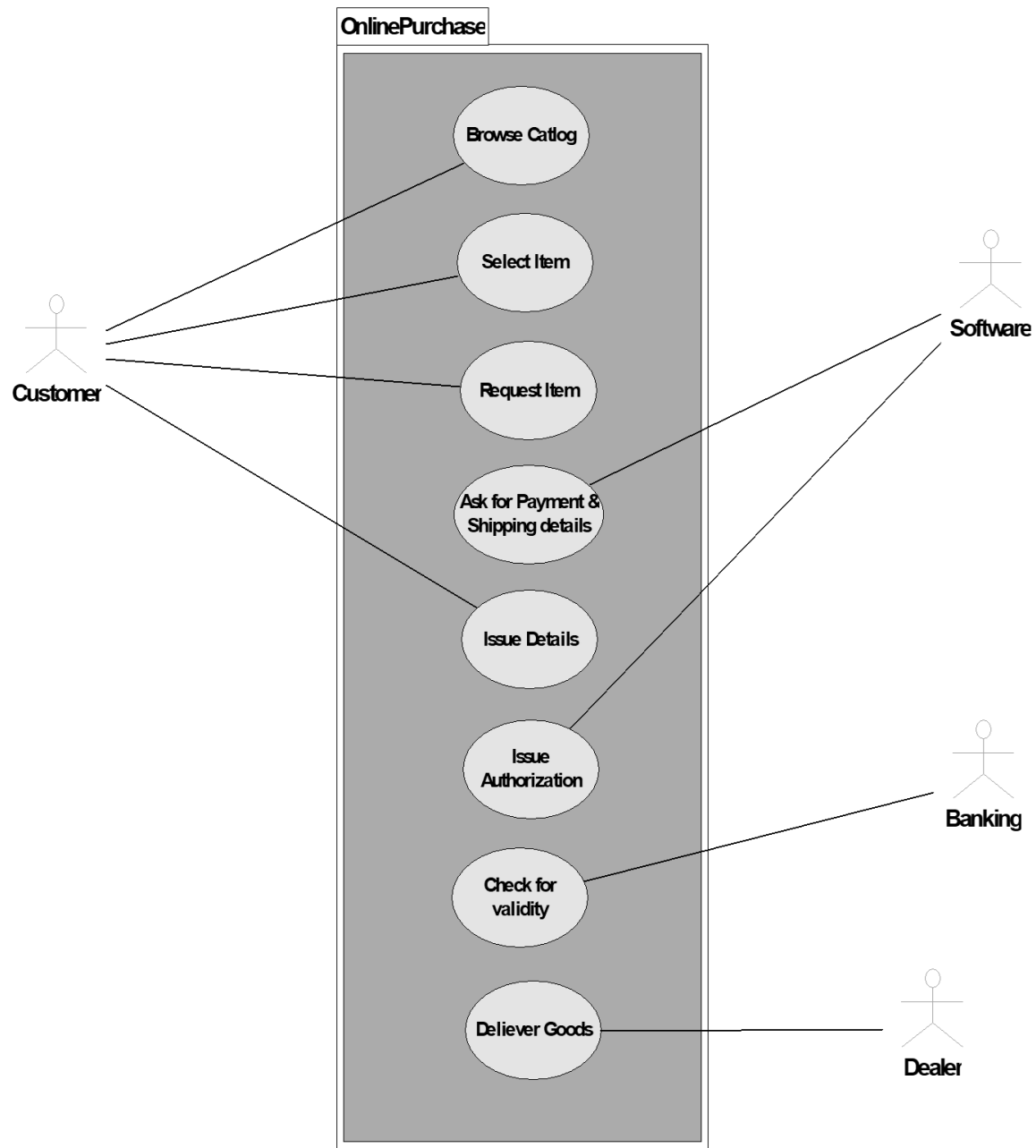
Identifying the Actors

- Customer
- Software
- Banking
- Dealer

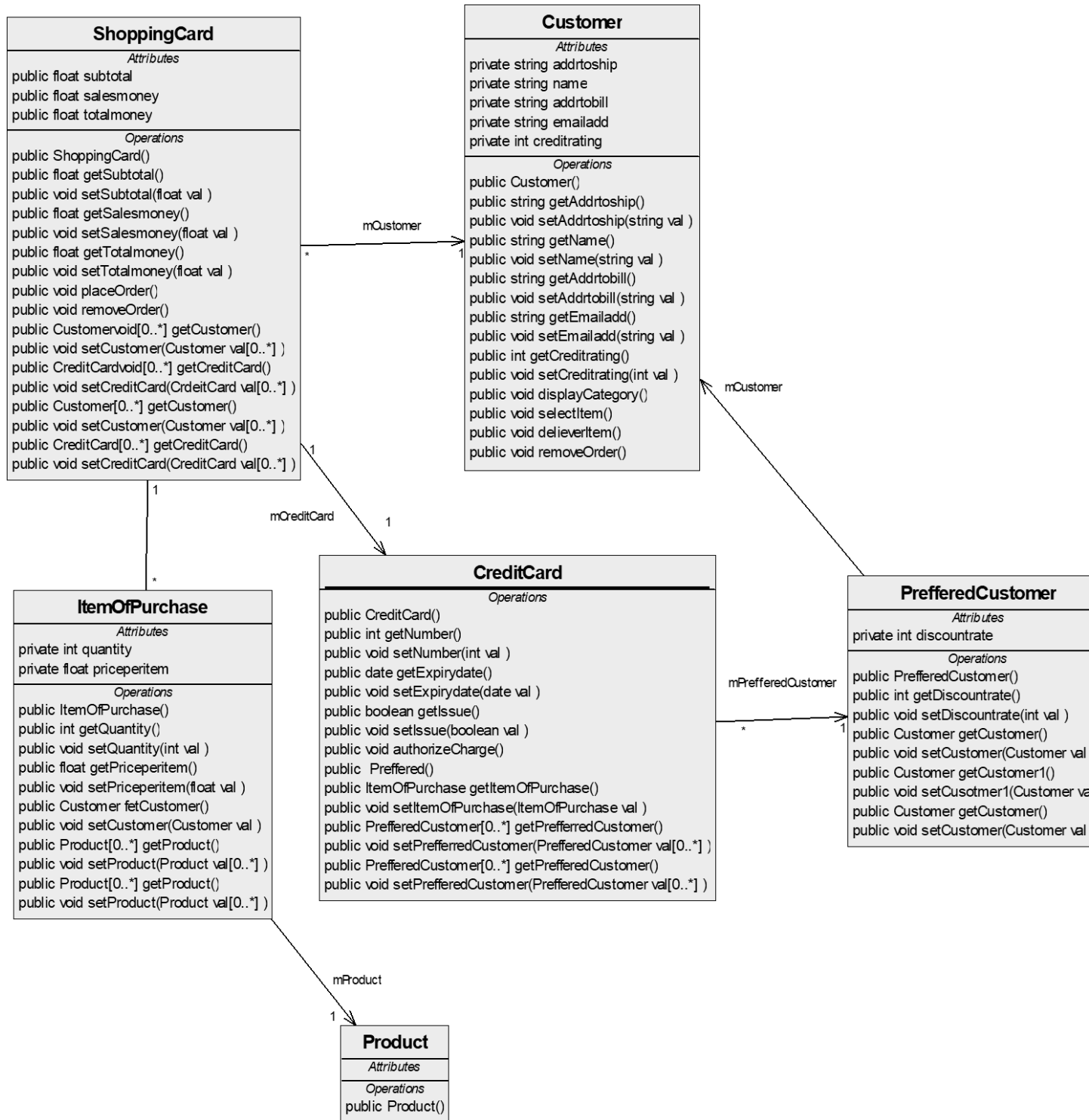
Identifying the Use Cases

- Browse Catalog
- Select Item
- Request Item
- Payment Details
- Issue Details
- Authentication
- Check for validity
- Issue Goods

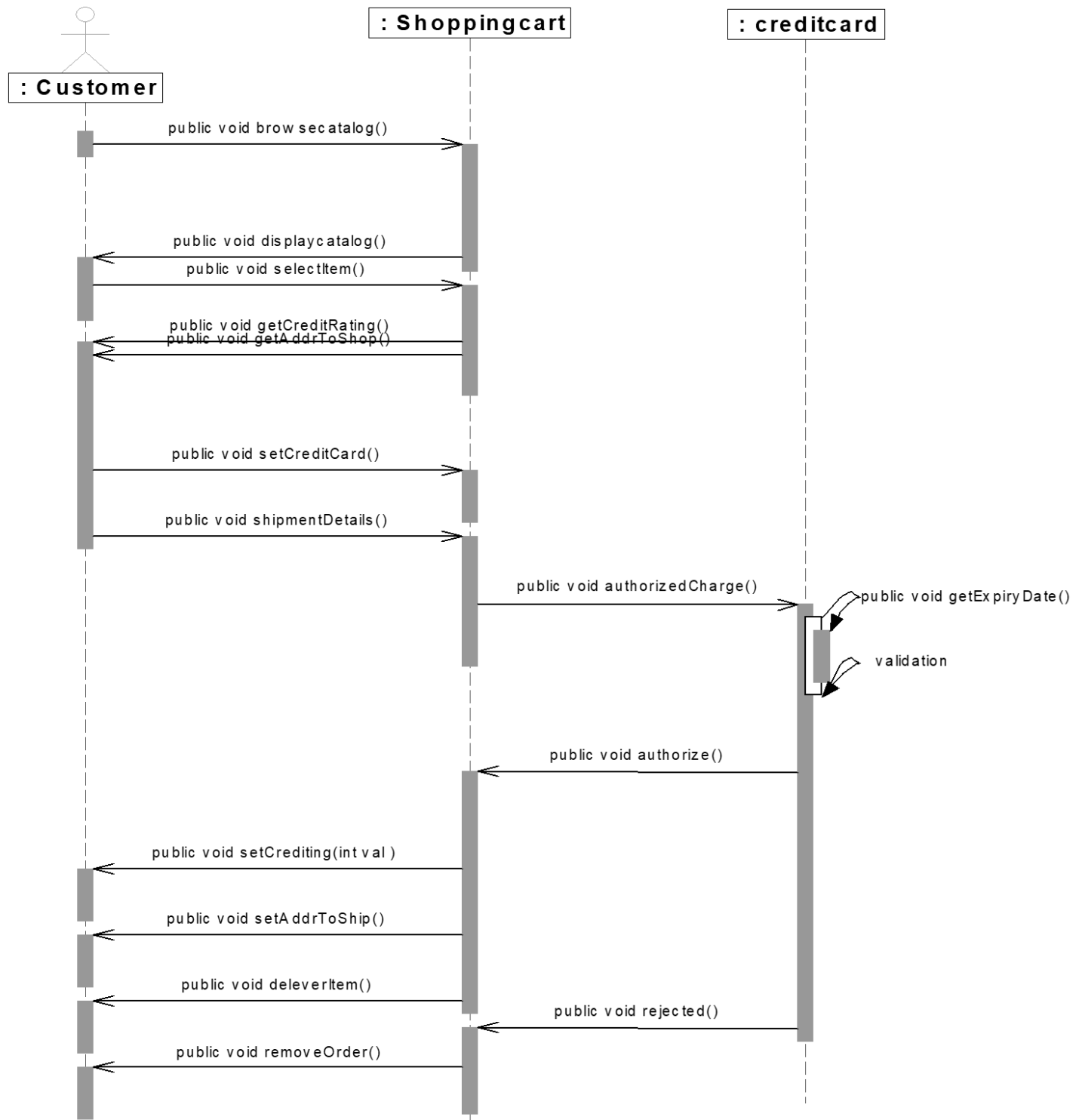
ONLINE PURCHASE USE CASE DIAGRAM



ONLINE PURCHASE CLASS DIAGRAM



ONLINE PURCHASE SEQUENCE DIAGRAM



ONLINE PURCHASE ACTIVITY DIAGRAM

