

# **School of Technology, Design and Computer Application**

Silver Oak College of Engineering and Technology

Bachelor of Technology - Computer Engineering

Semester: 5 | Academic Year: 2025-2026

Course: Software Engineering & Methodology (1010043342)

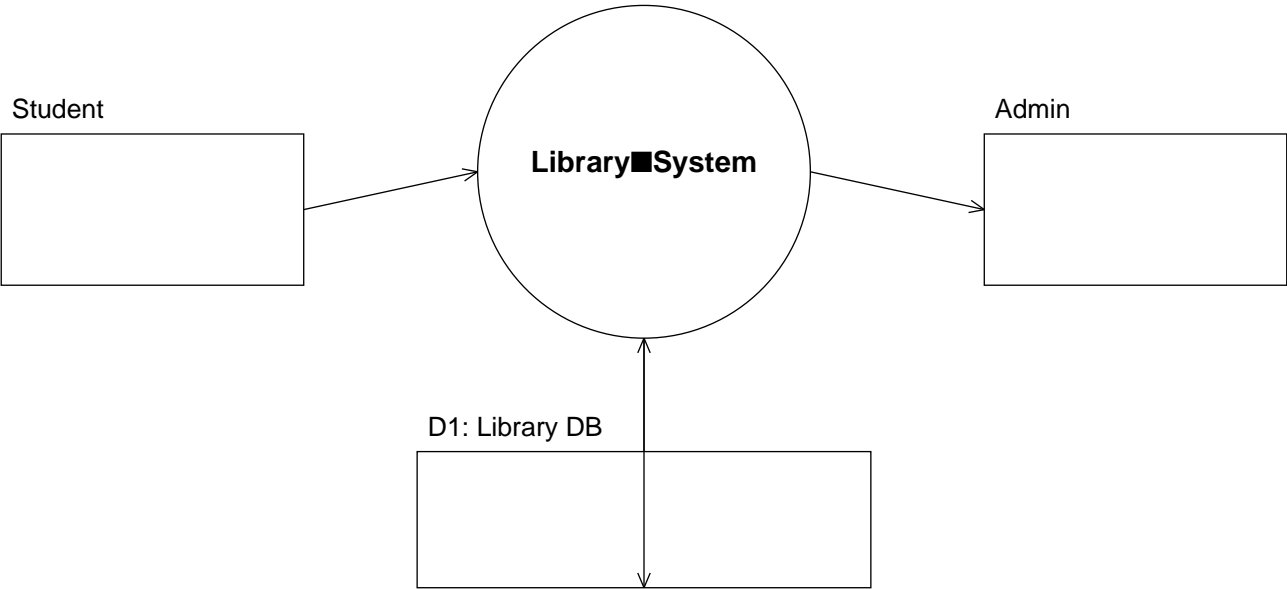
## **Library Management System — DFD, ER & UML Diagrams**

Name: Shivam Parmar | Enrollment: 2301031800178

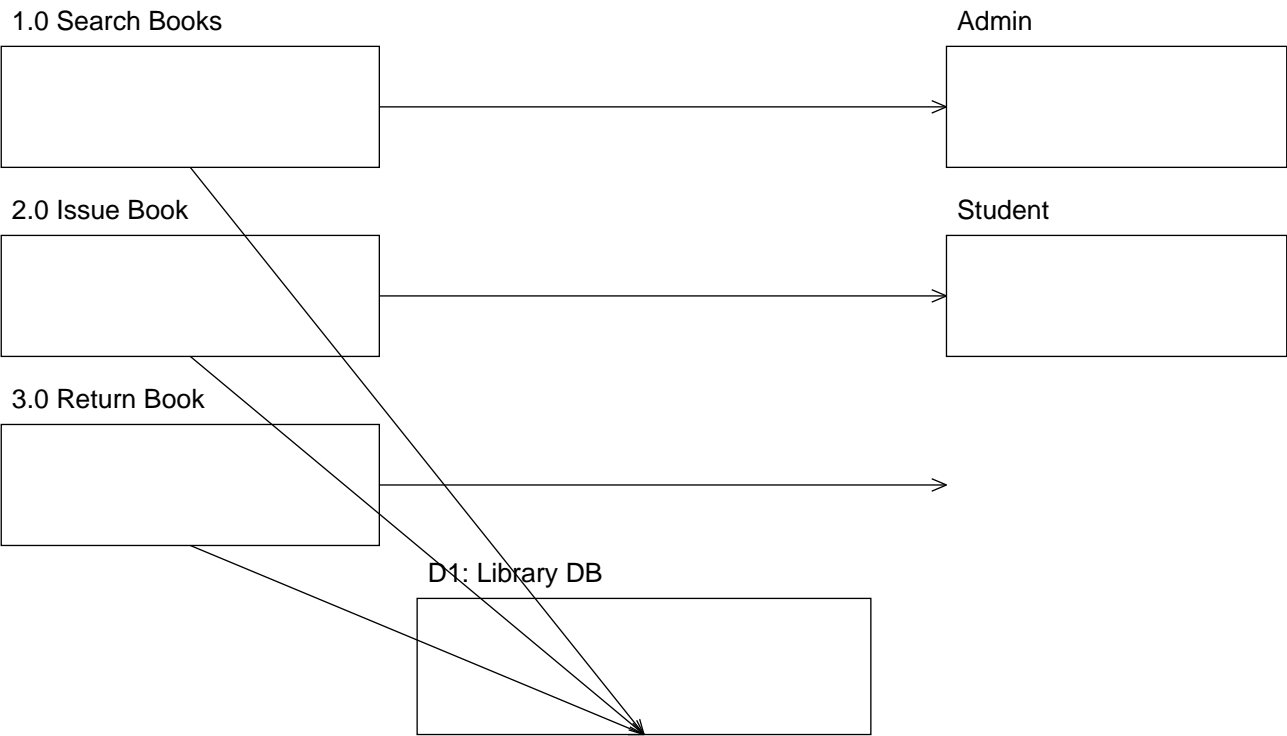
Roll No: 113 | Class: C

Date: September 04, 2025

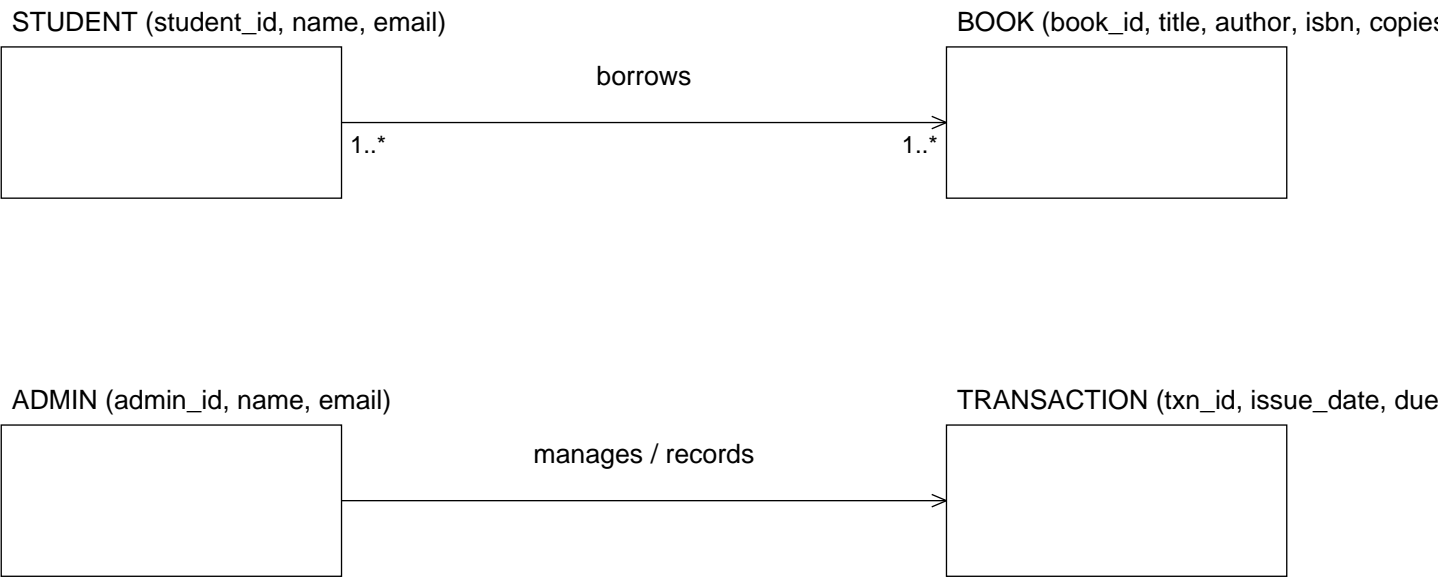
DFD — Level 0

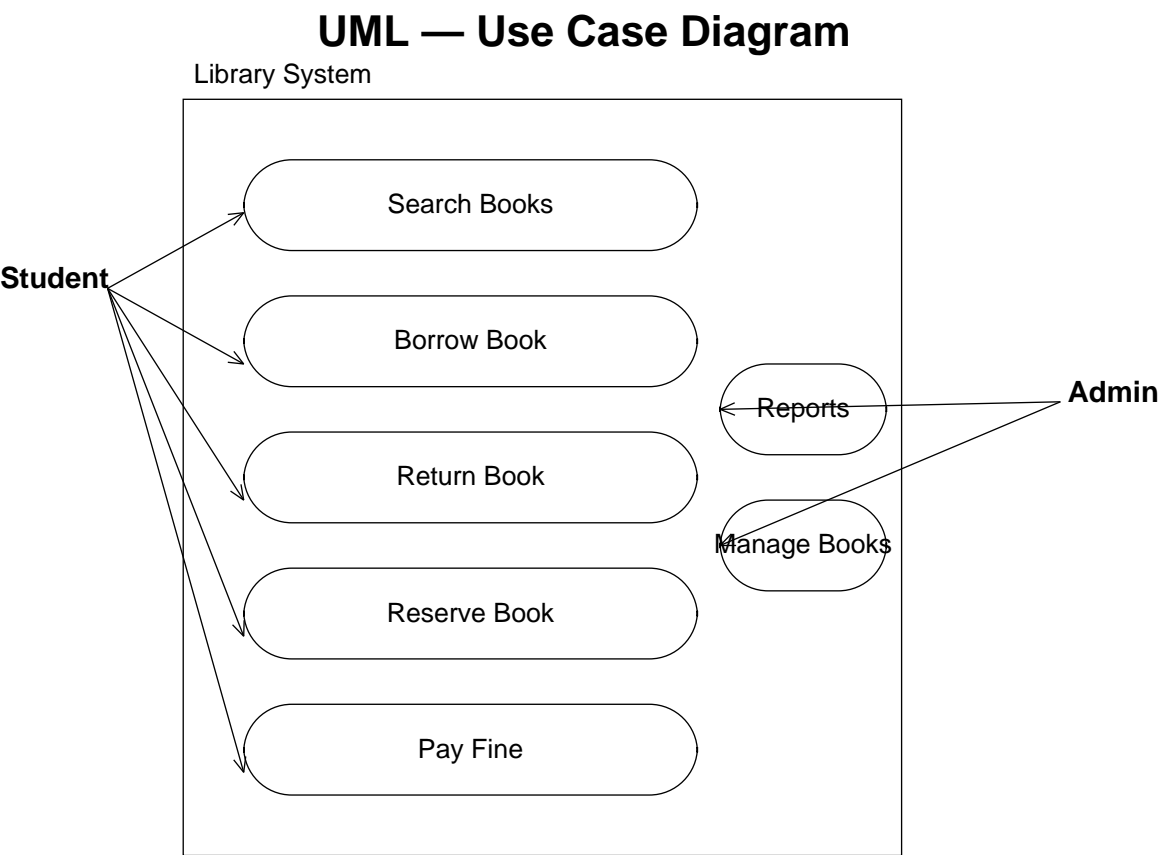


DFD — Level 1 (Issue & Return)

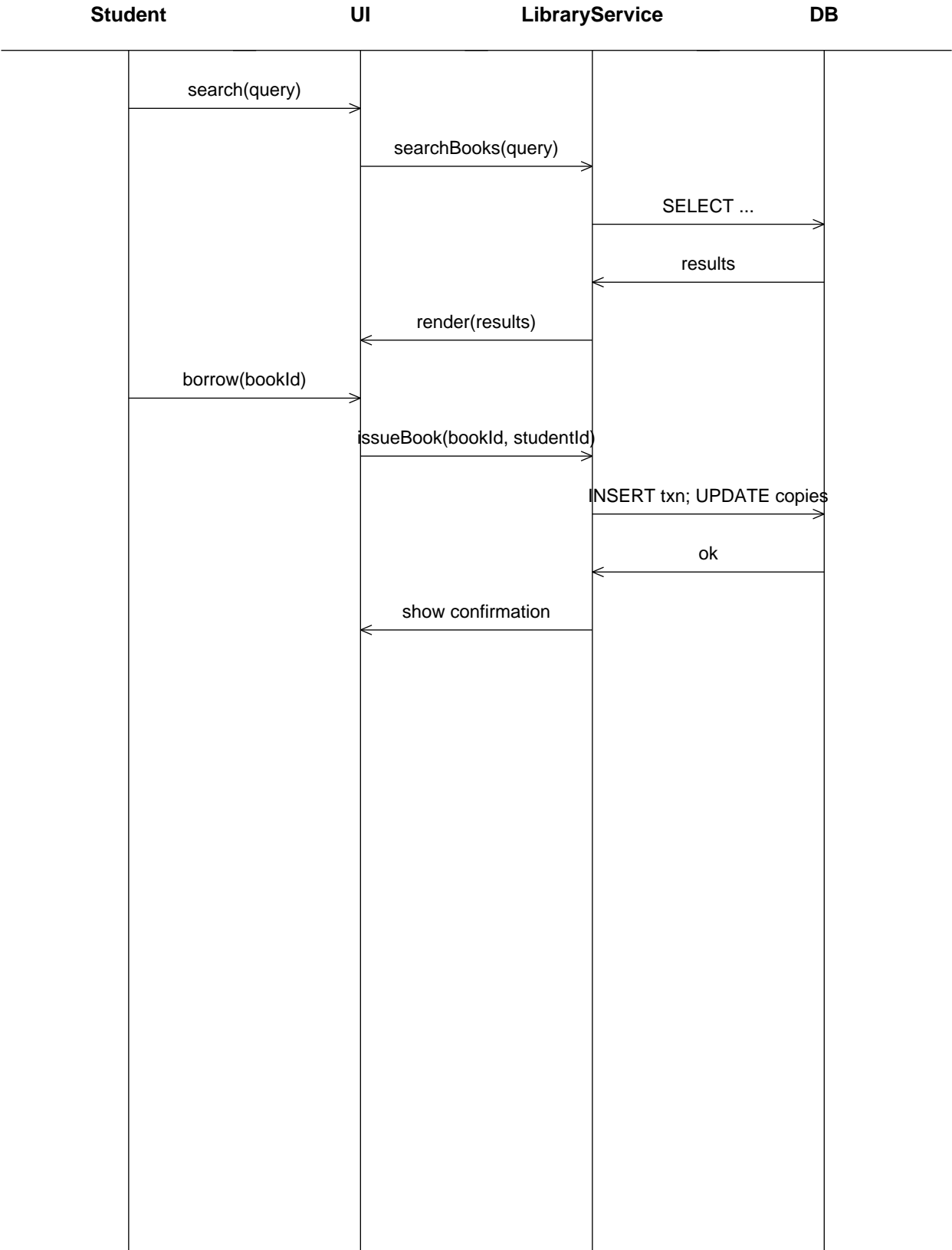


ER Diagram

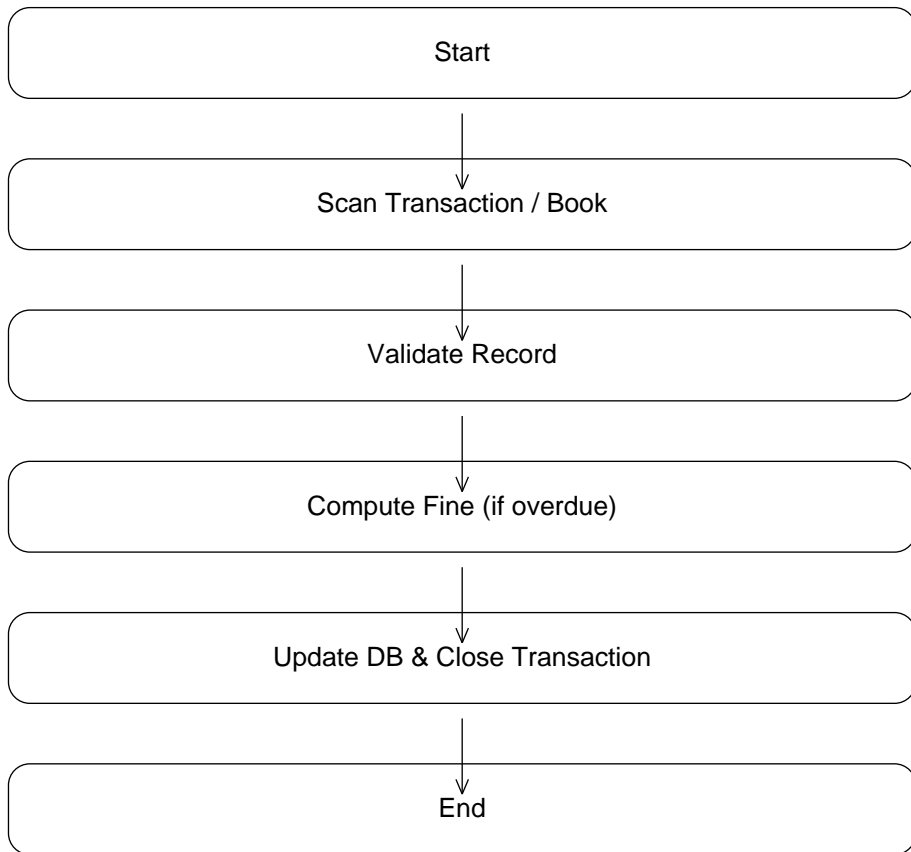




UML — Sequence Diagram (Issue Book)



## UML — Activity Diagram (Return Book)



UML — Class Diagram

