

School of Technology, Design and Computer Application

SilverOakCollegeofEngineeringandTechnology

Bachelor of Technology - Computer Engineering

Semester: 5|Academic Year: 2025-2026

Course: Software Engineering & Methodology (1010043342)

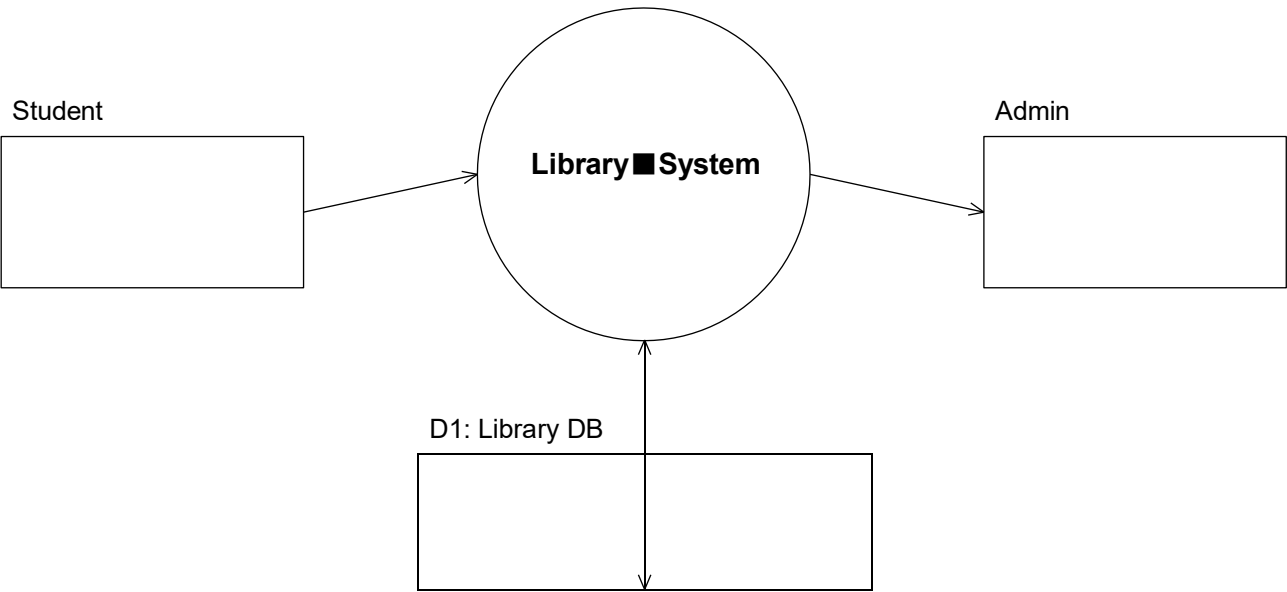
Library Management System — DFD, ER & UML Diagrams

Name: Dave Hinal | Enrollment: 2301031800022

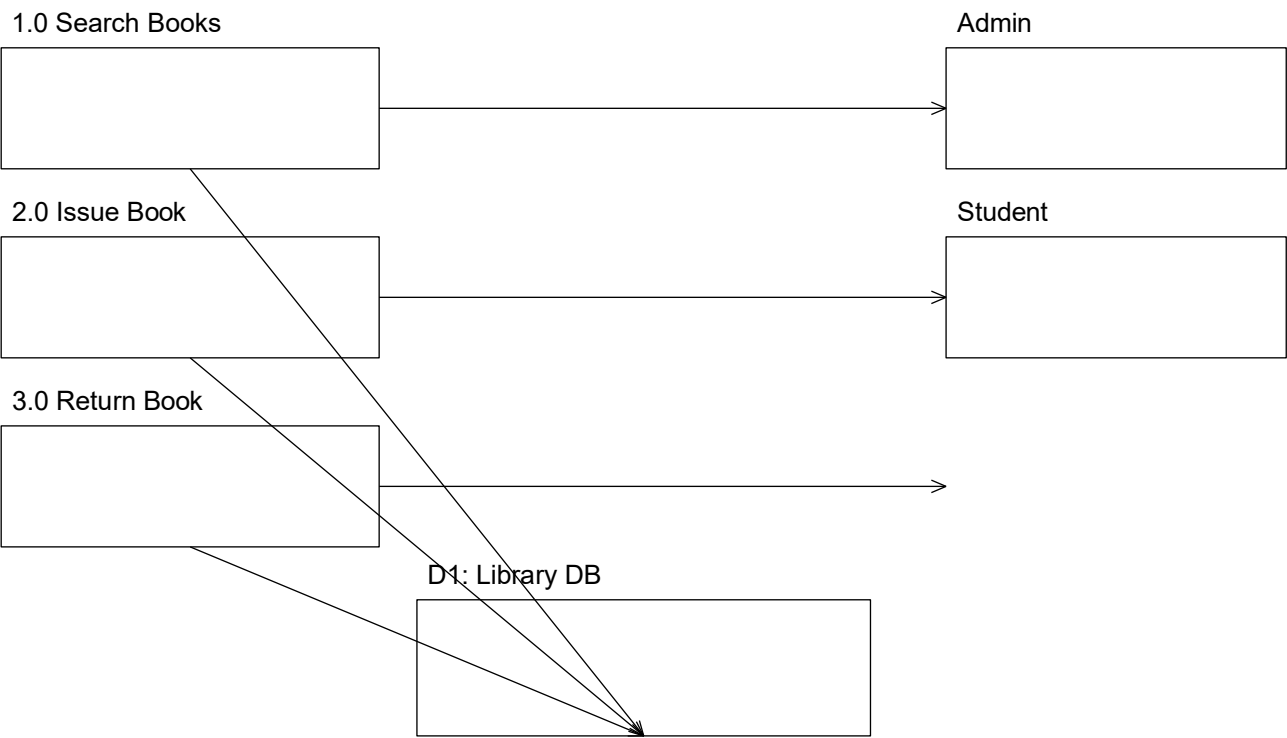
Roll No: 43 | Class: C

Date: September 04, 2025

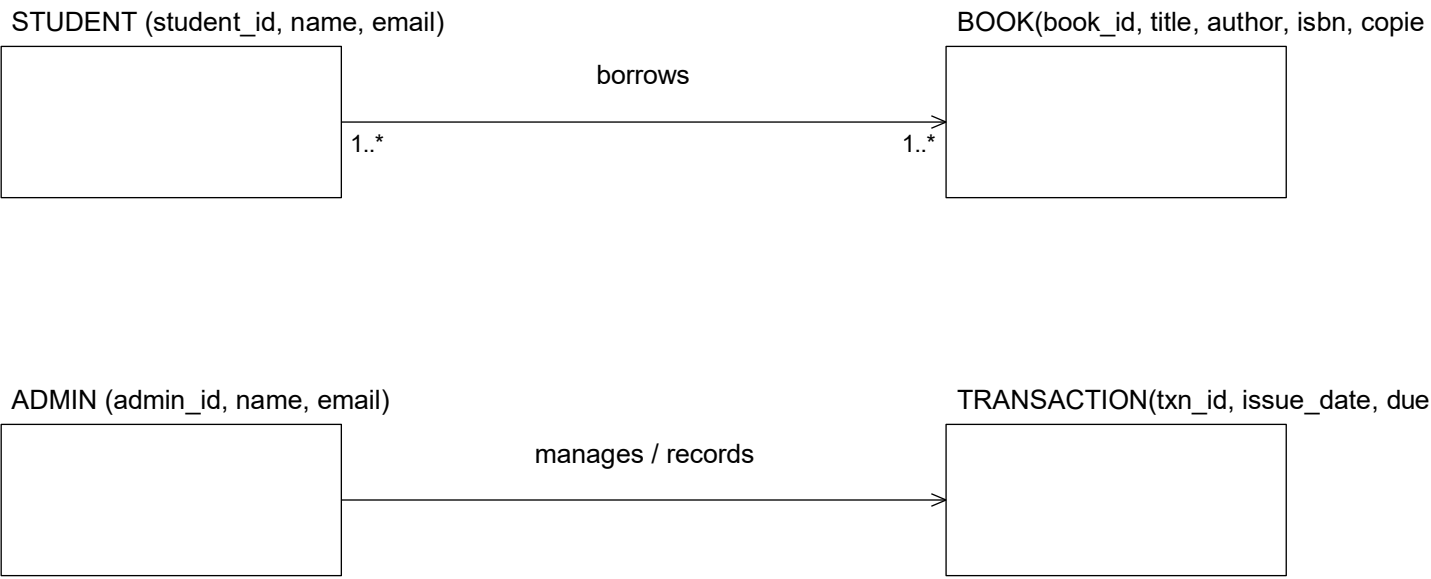
DFD — Level 0

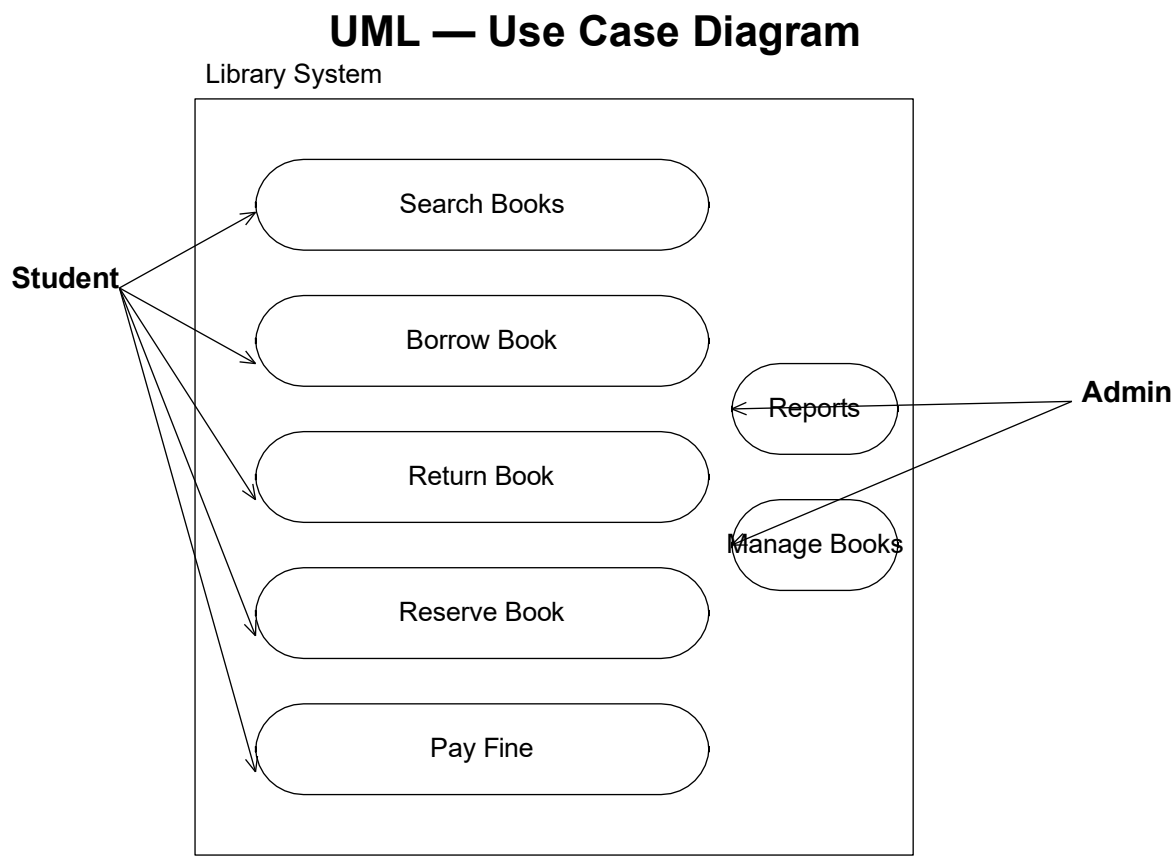


DFD — Level 1 (Issue &Return)

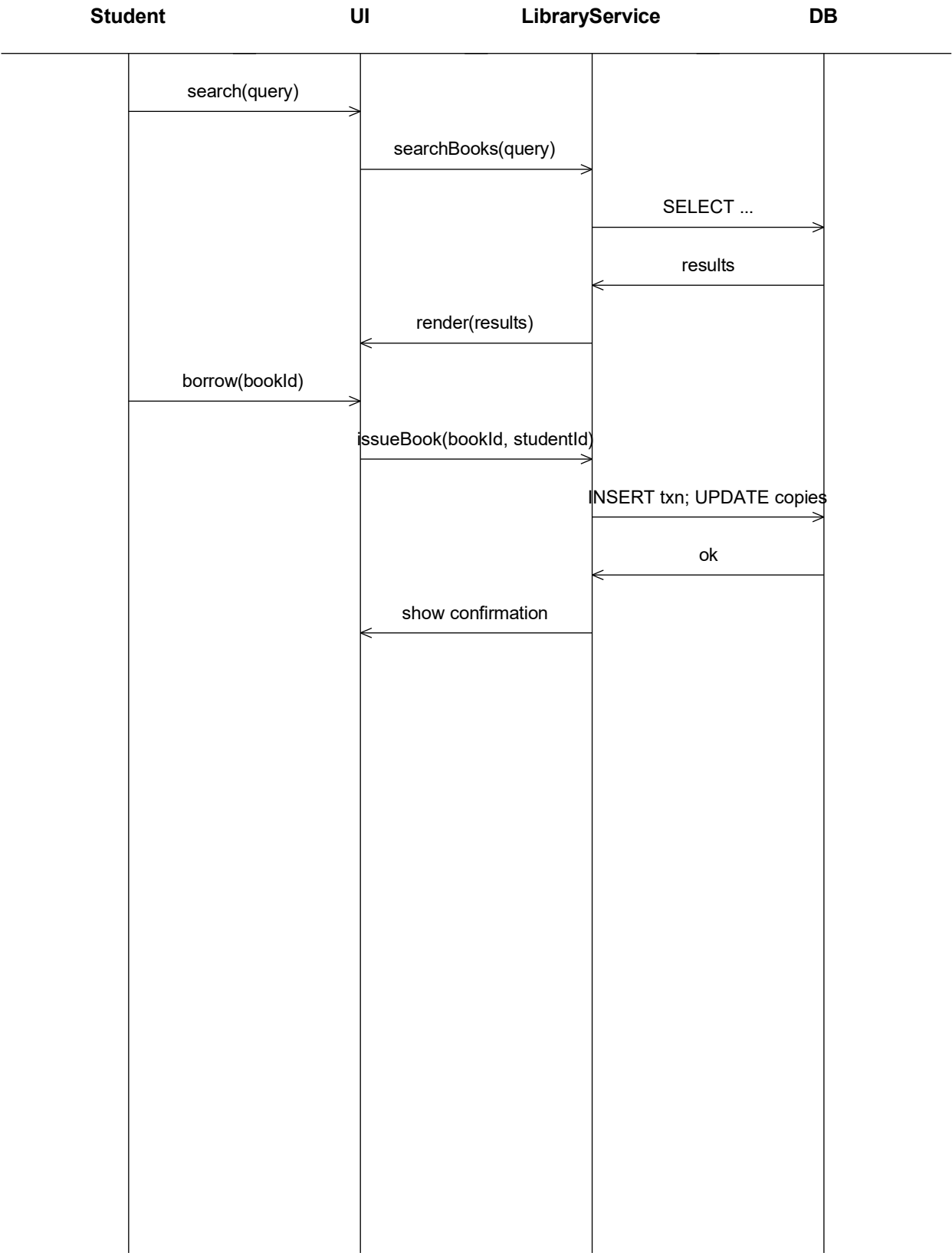


ER Diagram

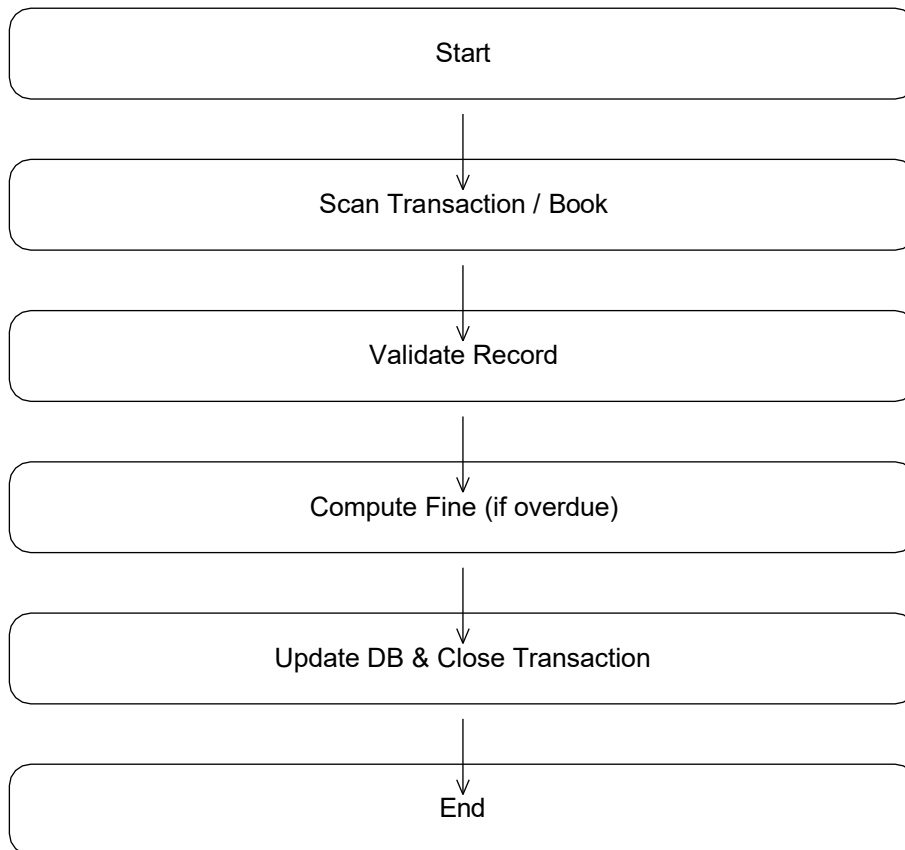




UML — Sequence Diagram (Issue Book)



UML — Activity Diagram (Return Book)



UML — Class Diagram

