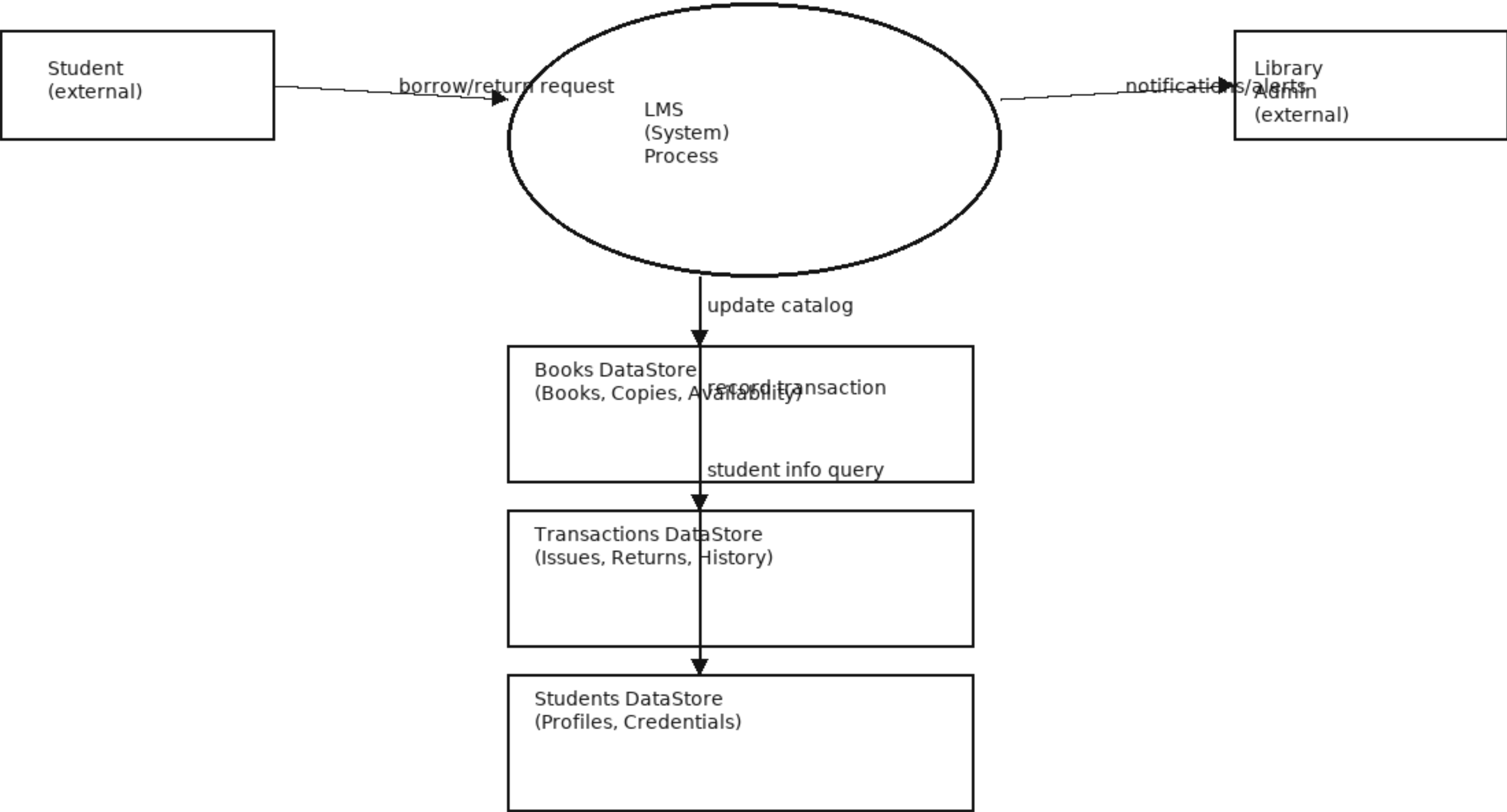
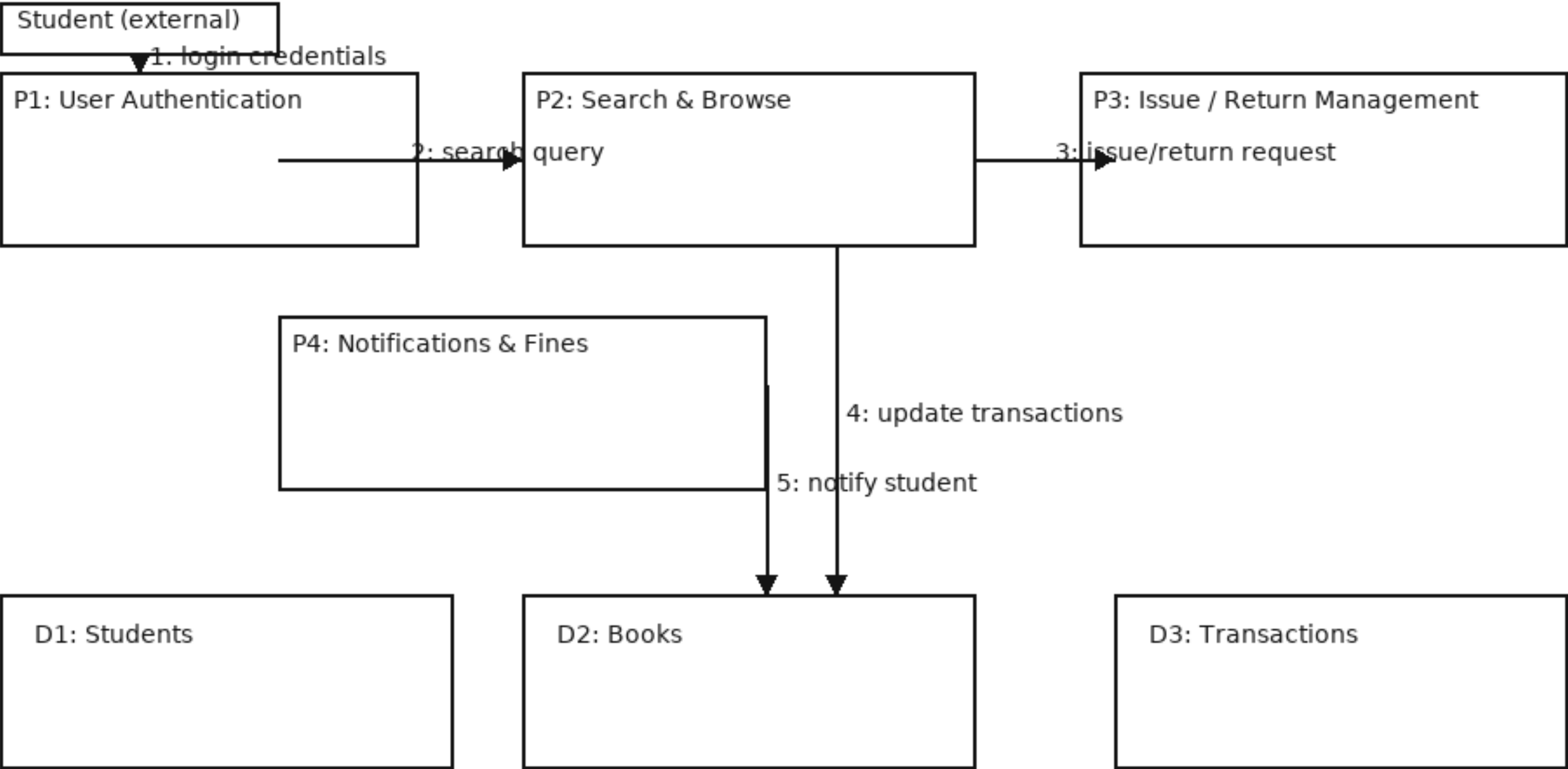


Library Management System (LMS) | Enrollment No: 2402030430061

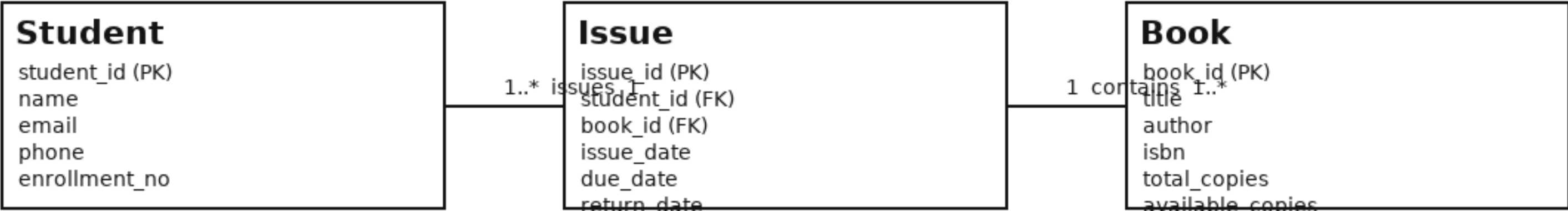
DFD - Level 0 (Context Diagram): External entities and main process



DFD - Level 1: Decomposed Processes and Data Stores

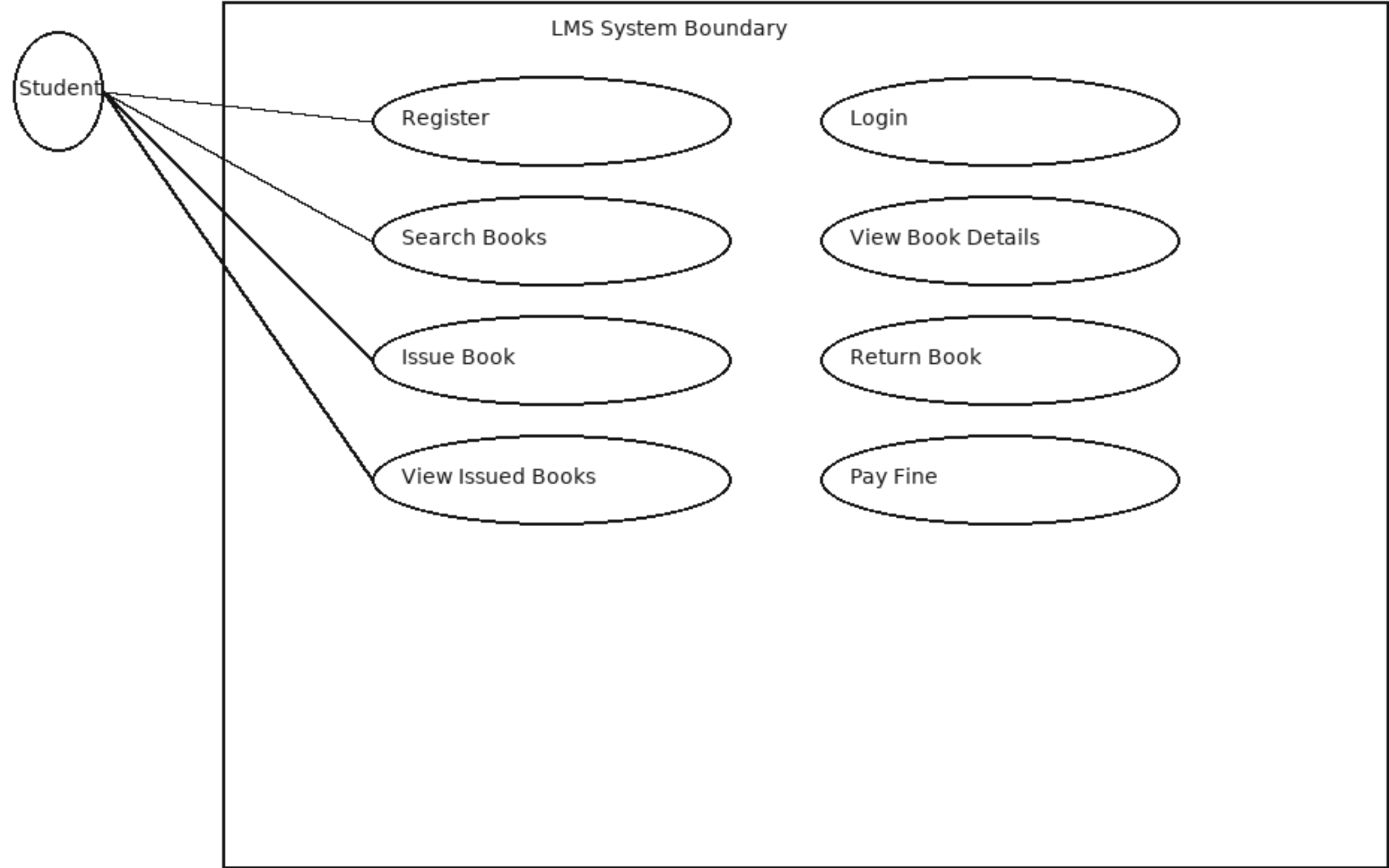


ER Diagram: Student - Issue - Book (with cardinalities)

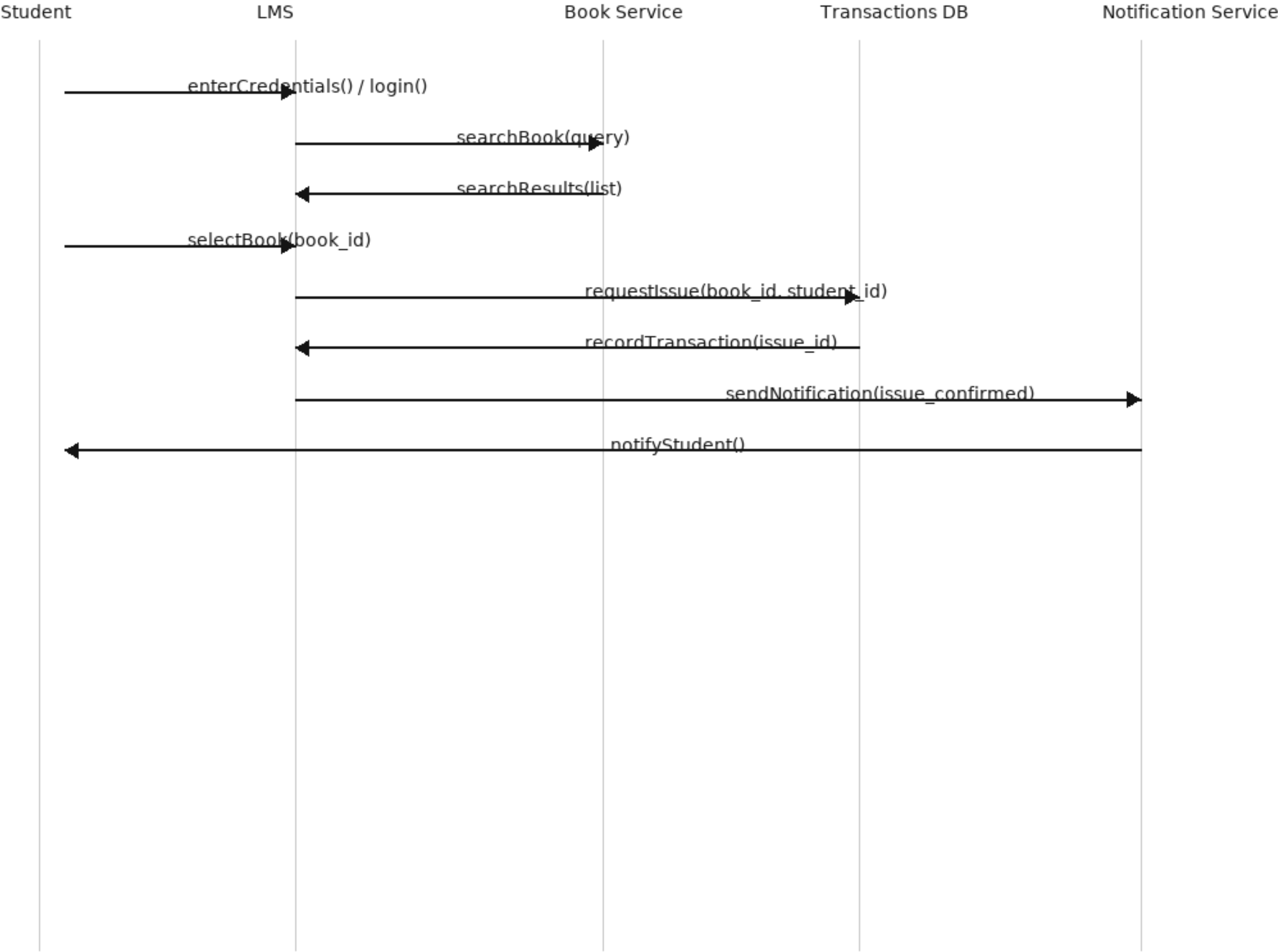


Notes: PK = Primary Key, FK = Foreign Key. Cardinalities shown near relationships.

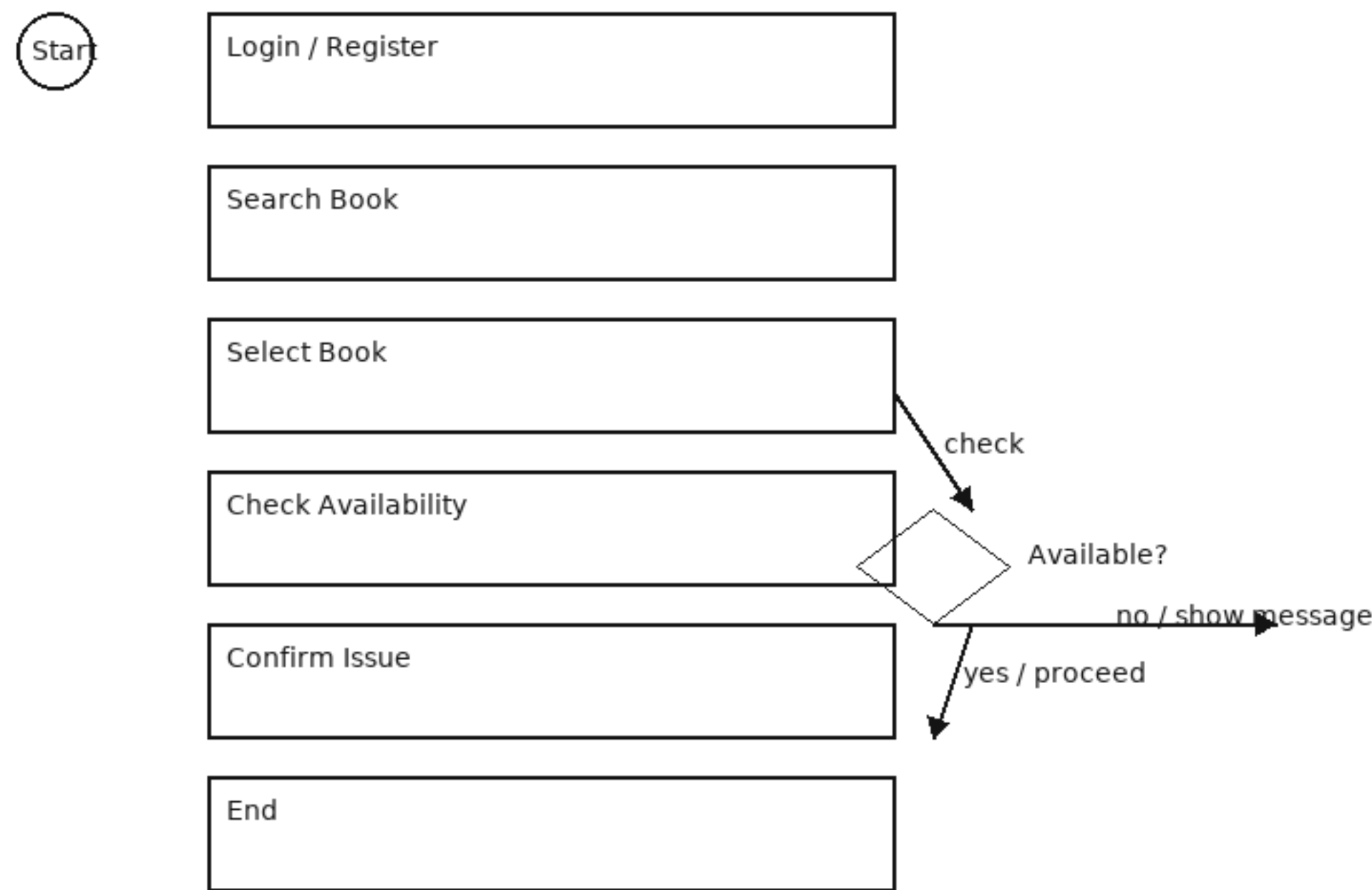
UML Use Case Diagram - Library Management System (LMS)



UML Sequence Diagram - Issue Book Flow



UML Activity Diagram - Issue Book (Student Flow)



UML Class Diagram - Core Classes and Associations

