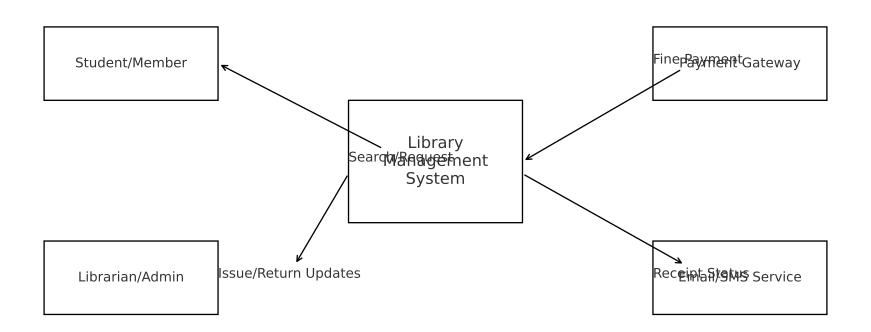
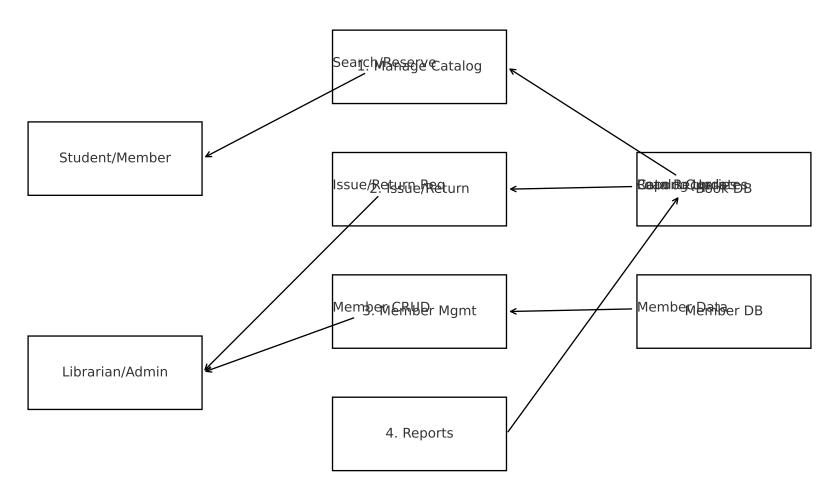
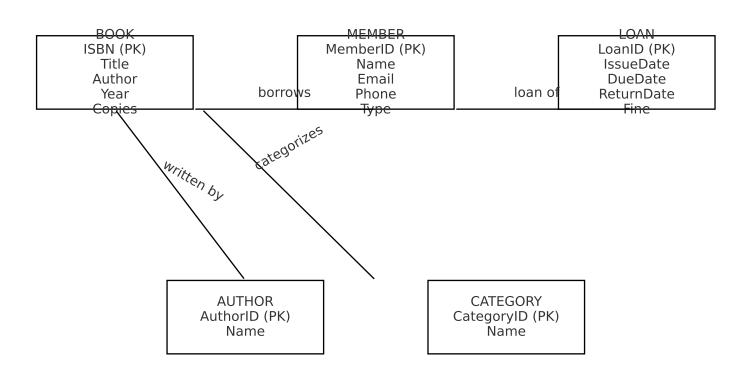
DFD Context Diagram (Level-0) - LMS



DFD Level-1 - LMS

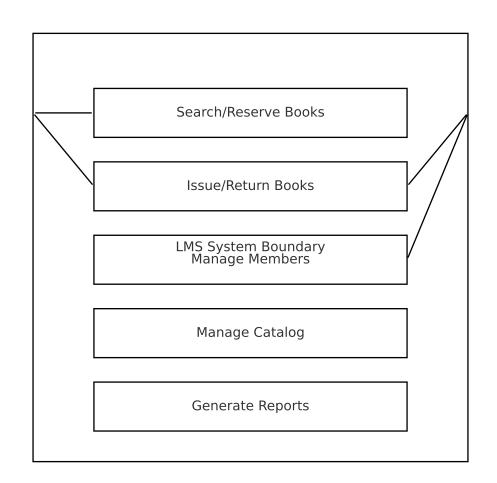


ER Diagram - LMS (Simplified)



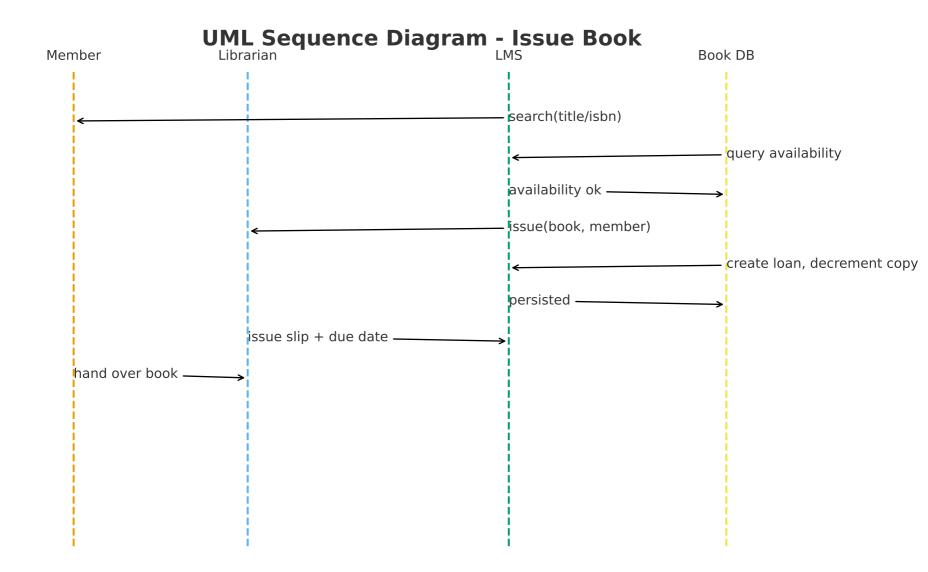
UML Use Case Diagram - LMS



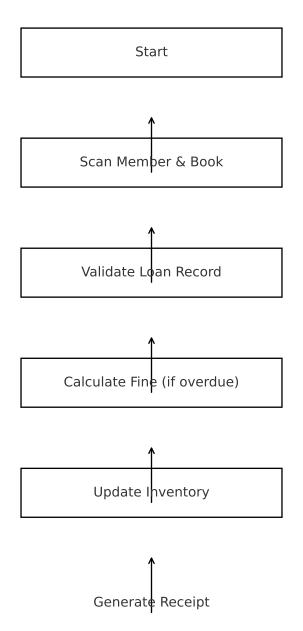




Librarian



UML Activity Diagram - Return Book



UML Class Diagram - LMS (Simplified)

<<class>> Loan <<class>> Book <<class>> Member +loanId: string +memberld: string +isbn: string +issueDate: date +title: string +name: string +dueDate: date +author: string +email: string +returnDate: date +year: int +phone: string +fine: float +copies: int +type: string +isOverdue(): bool +isAvailable(): bool +getActiveLoans(): int +calcFine(): float

Member 1..* Loan

Book 1..* Loan

