Department of Computer Science

Project Proposal Summer 24-25

Course Title	WEB TECHNOLOGIES	Section	F	#Group	9

Group Member

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Project Title:

Library Management System

Short Description:

Type of user: 1. Student, 2. Librarian

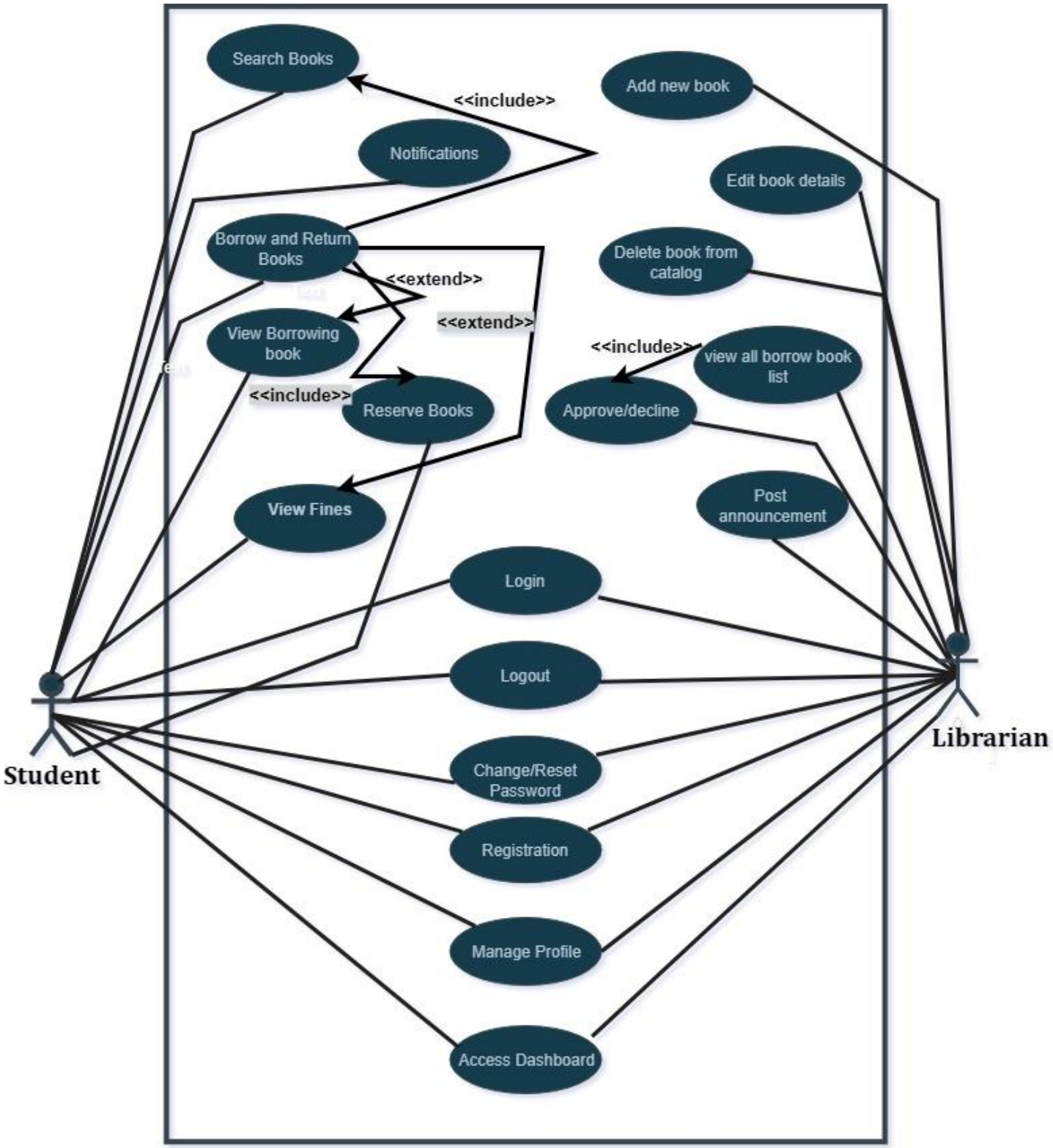
Common Features (Available to All Users)

- **Authentication**
  1. Login to the system
  2. Logout from the system
  3. User registration
- **Account Management**
  1. Change or reset password
  2. Manage profile information (view, edit, delete)
- **Dashboard**
  1. Home dashboard
  2. Access a personalized dashboard after login

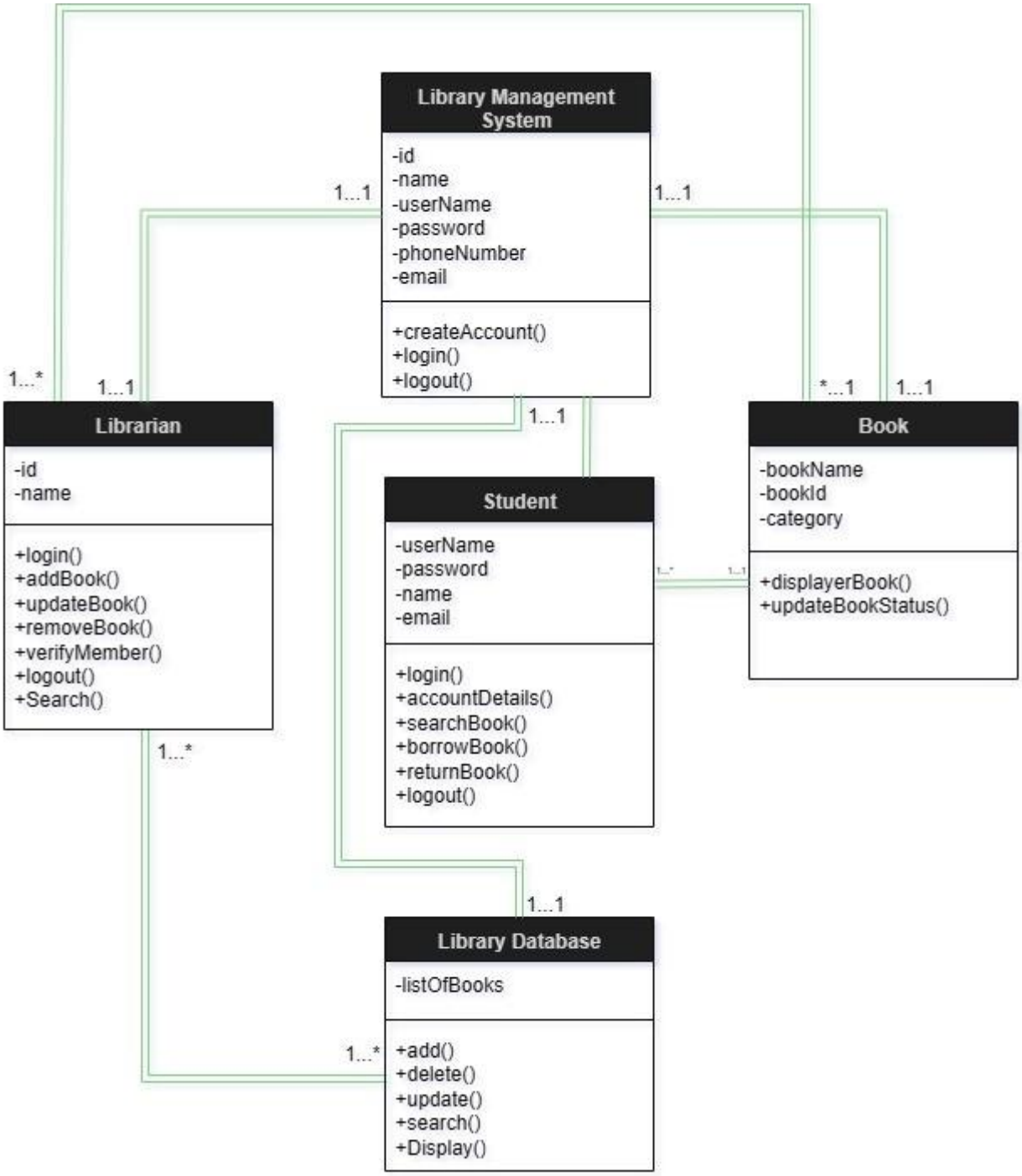
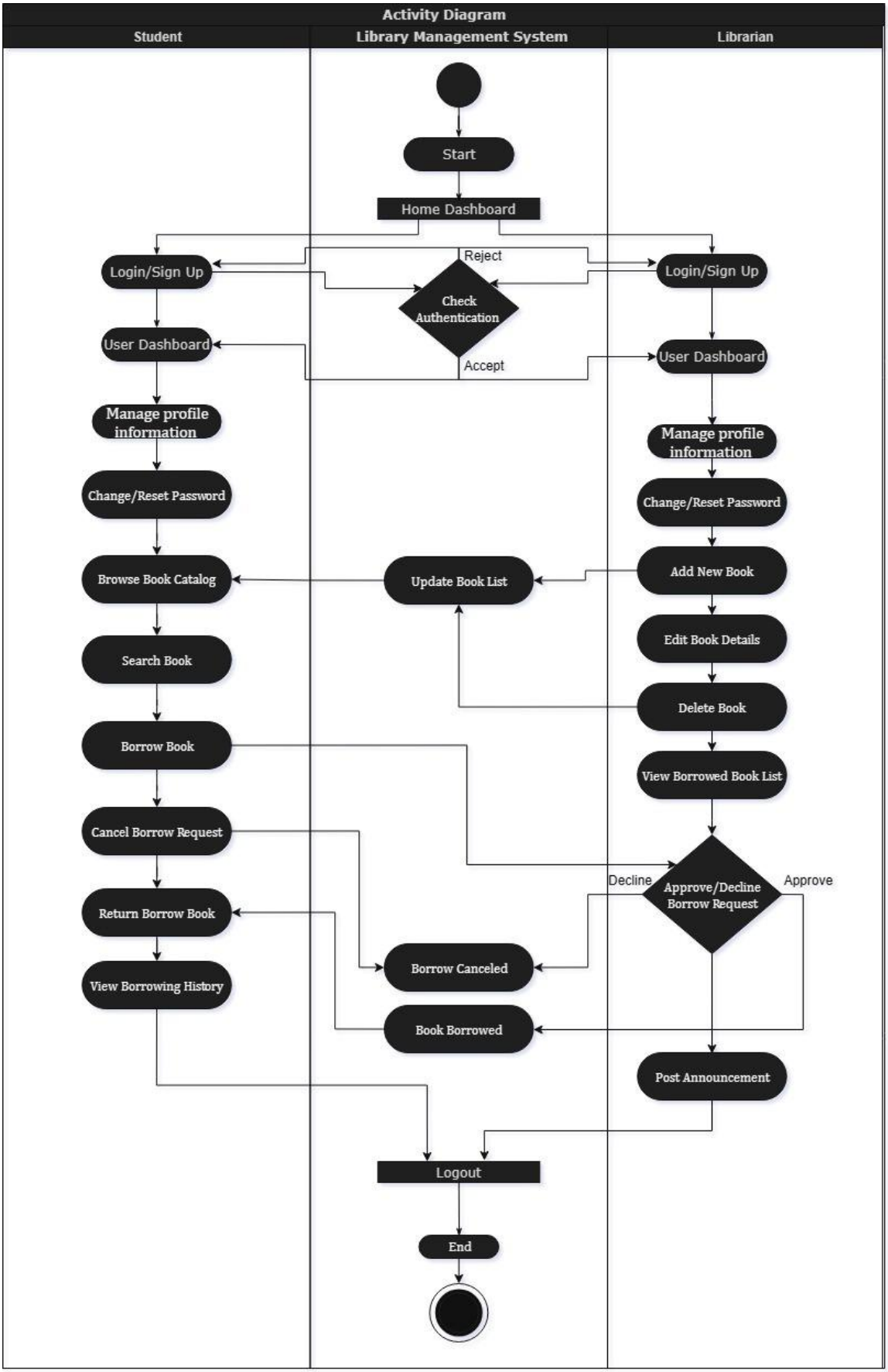
Specific Features by User Type

- **Features of Student**
  1. Search for books by title/author/category
  2. Borrow and return books
  3. Cancel a borrow request
  4. View fines
  5. View borrowing history
  6. Get notifications
- **Features of Librarian**
  1. Add new book
  2. Edit book details (title, author, availability)
  3. Delete a book from the catalog
  4. View all borrowed books list
  5. Approve/decline borrow requests
  6. Post announcements (notice board)

Use Case Diagram:



Class Diagram:



Activity Diagram: