#### Data Flow Diagram - Level 1 - Library Management System

External Entities

- Users (Students)

- Administrators

Processes

1. User Management

- Handles registration, login/logout, password changes

2. Book Management - Admin

- Adding, deleting books

- Manages book search and categorization

- View Book List

3. Book Transaction

- Process book borrowing and returns

- Checks availability

- Set Due Dates Automatically

- Approve book reservation

4. Fine Management

- Calculates fines

- Sends notifications

5. Dashboard/Reporting(Admin/User)

- Generates reports and dashboards

- Report issues/ file a complaint

- Send reply for feedback/complaint

Data Stores

- User Table: Stores all user information

- Book Table: Stores all book information

- Transaction Table: Stores lending/return transactions

- Feedback Table : store all feedback and their responses