**Task:** Develop a Simplified Library Management System  
**Requirements:**

1. **User Roles**:
   * Admin: Can add/edit/remove books, view all users, and generate reports.
   * User: Can register, search for books, and borrow/return books.
2. **Functionalities**:
   * **User Registration/Login**: Users must register with an email and password.
   * **Book Management** (Admin): CRUD (Create, Read, Update, Delete) operations on books, including fields for title, author, genre, and availability status.
   * **Search and Borrow**: Users can search for books by title, author, or genre and borrow them if available.
   * **Return Books**: Users can return borrowed books. The system should update the availability status.
   * **Reports** (Admin): A report listing all books with their availability status and another showing active users and their borrowed books.
3. **Database Design**:  
   Create a database schema with at least the following tables:
   * users: Stores user details.
   * books: Stores book details.
   * borrowed books: Tracks which user borrowed which book and its status.
4. **Code Expectations**:
   * A clean modular code with comments.
   * Ensure validations (e.g., user email format, book availability).
   * Display meaningful error messages for edge cases (e.g., borrowing a book that’s unavailable).
5. **Submission**:
   * Complete the submission by Monday, 20th January 2025, end of the day
   * Complete as many functionalities as possible
   * Use any technology of your choice
   * Create a working prototype and deploy it on local host or any server.
   * Include a brief readme explaining the system structure and explain the code