

BooknBorrow

Book-borrowing Management

TABLE OF CONTENTS

| | |
|---|---|
| Project presentation | 3 |
| BooknBorrow Library Borrowing..... | 3 |
| Database diagrams | 4 |
| Entity-relationship diagram | 4 |
| Table structure diagram..... | 4 |
| Planned gantt diagram | 5 |
| Use case diagrams | 6 |
| Borrowing Process Use Case Diagram | 6 |
| Library and Book Management Use Case Diagram..... | 7 |
| User Management Use Case Diagram:..... | 8 |

Project presentation

BooknBorrow book-borrowing Management



Website for book-borrowing. BooknBorrow is a platform for users to borrow books from multiple libraries and keep records of their readings and eventual fines if they bring back books too late.

Members

- LAURENT Sacha
- SIMON Eliot

Database diagrams

Entity-relationship diagram

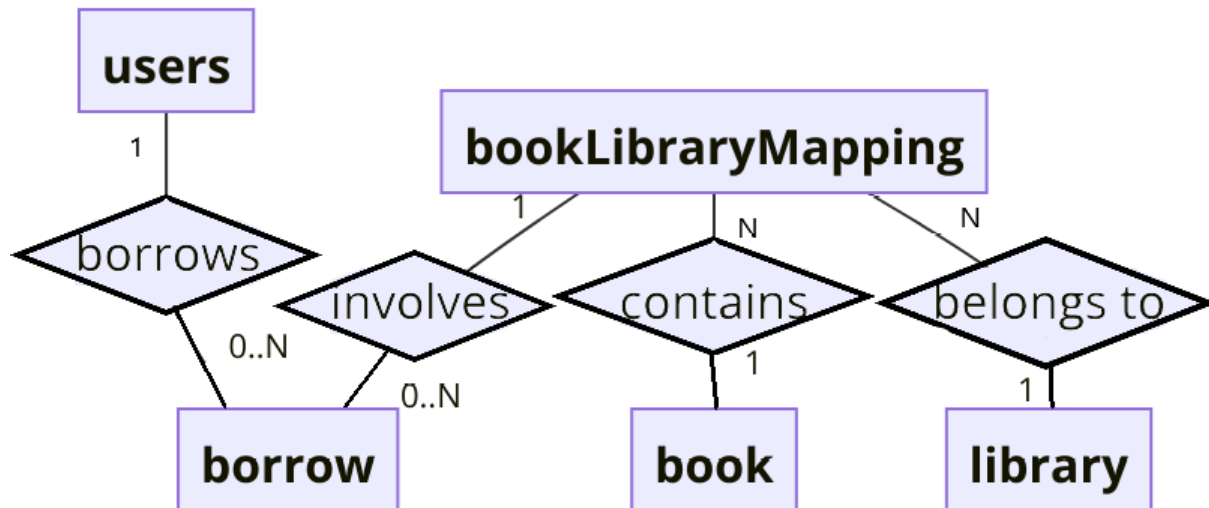
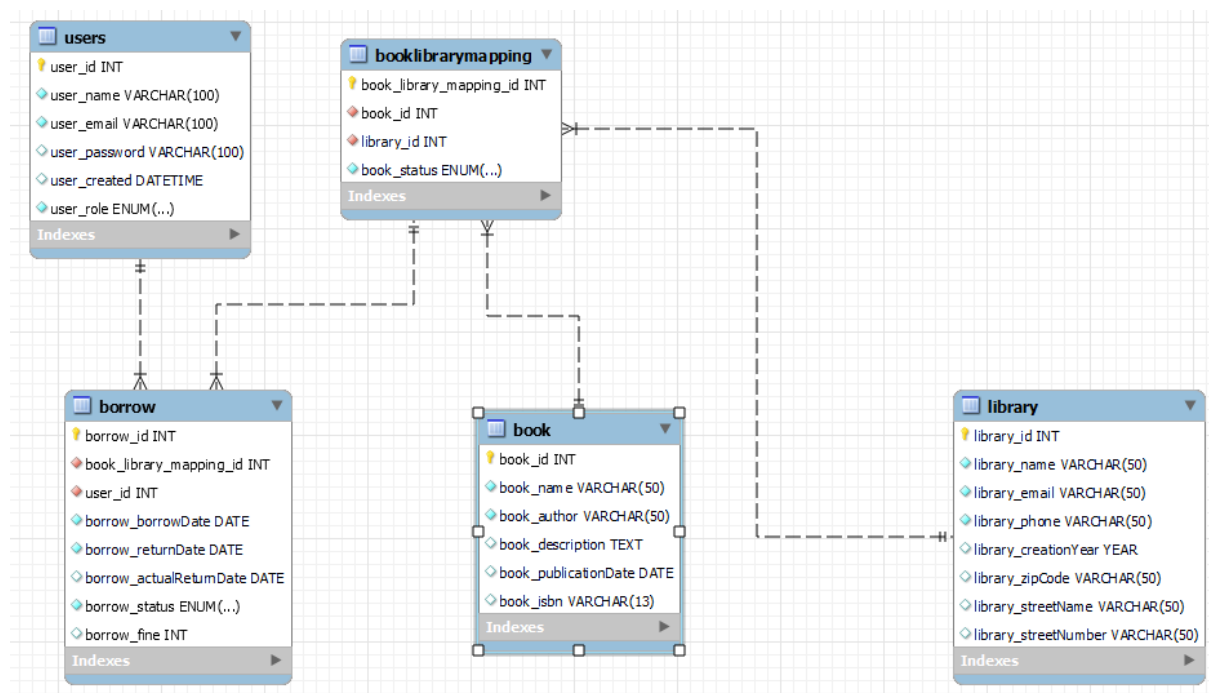
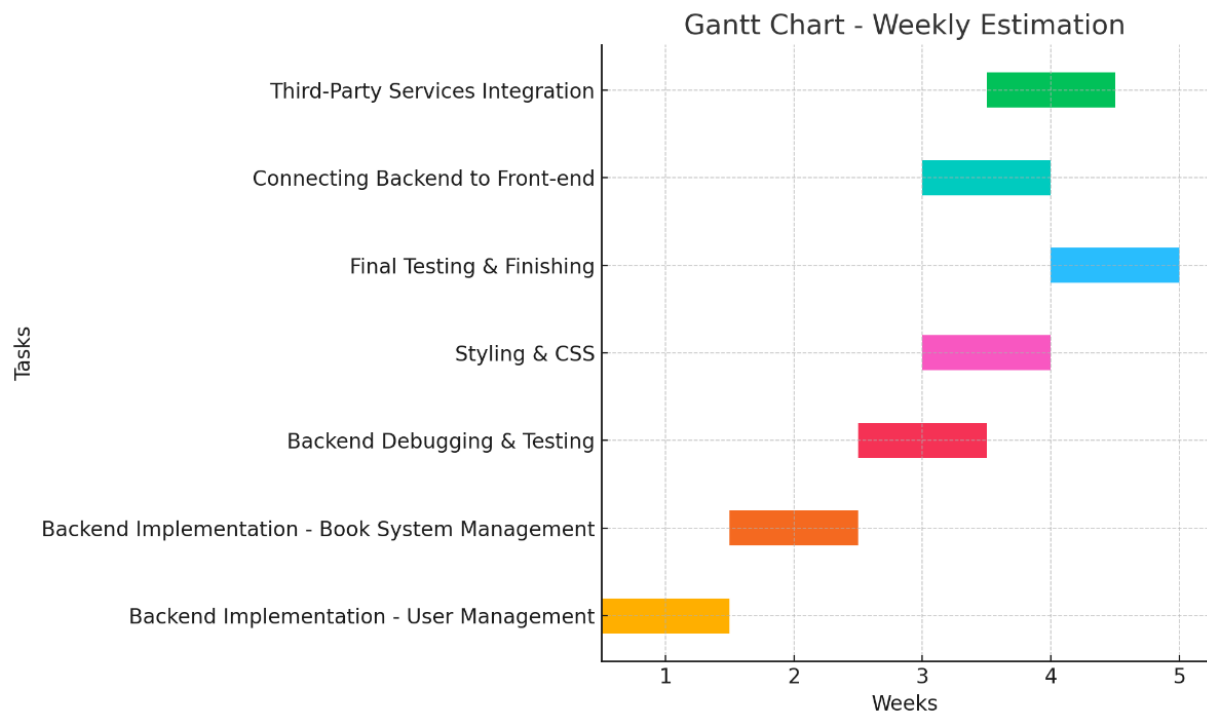


Table structure diagram



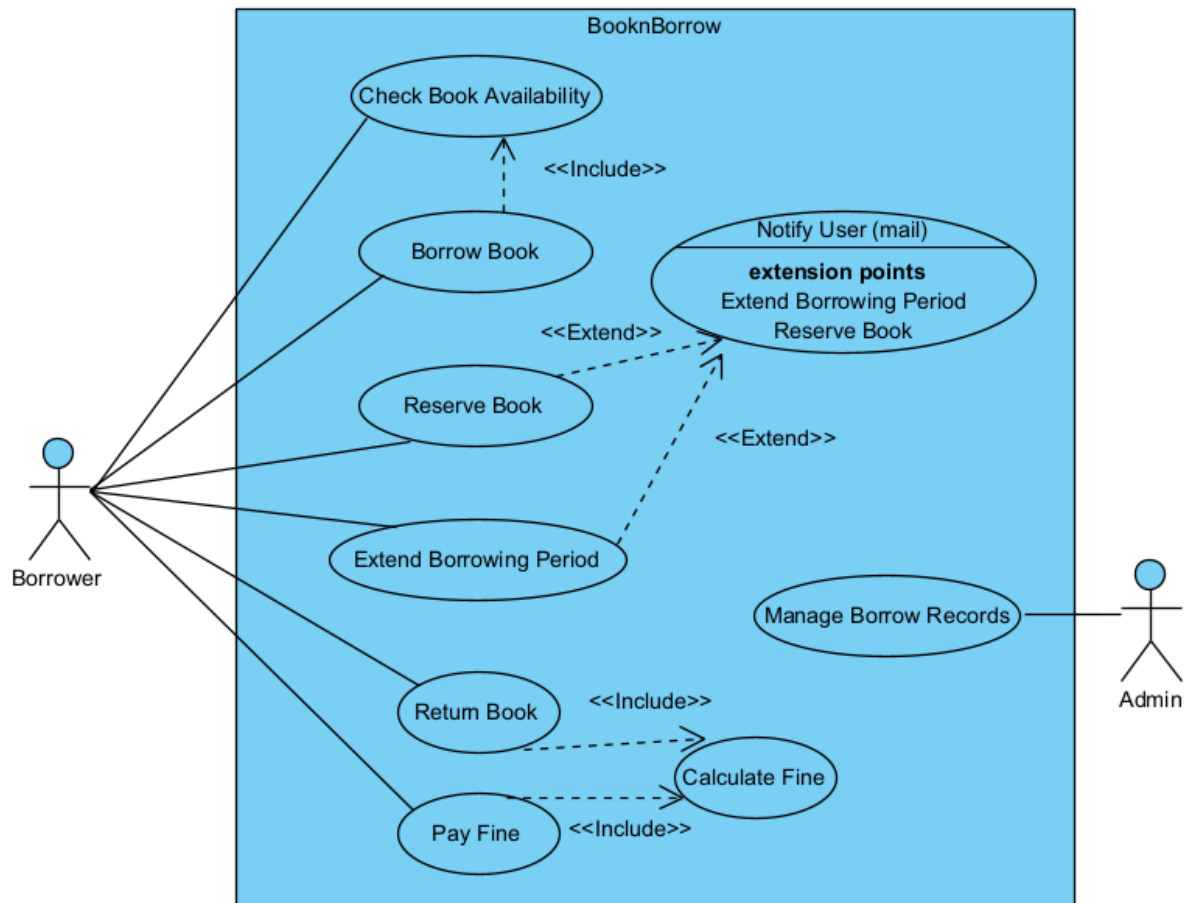
Planned gantt diagram



Use case diagrams

Borrowing Process Use Case Diagram

uc [Borrowing Process]



- Actors: User, Admin

- Use Cases: Borrow Book, Reserve Book, Return Book, Check Book Availability, Extend Borrowing Period, Pay Fine (User), Manage Borrow Records (Admin).

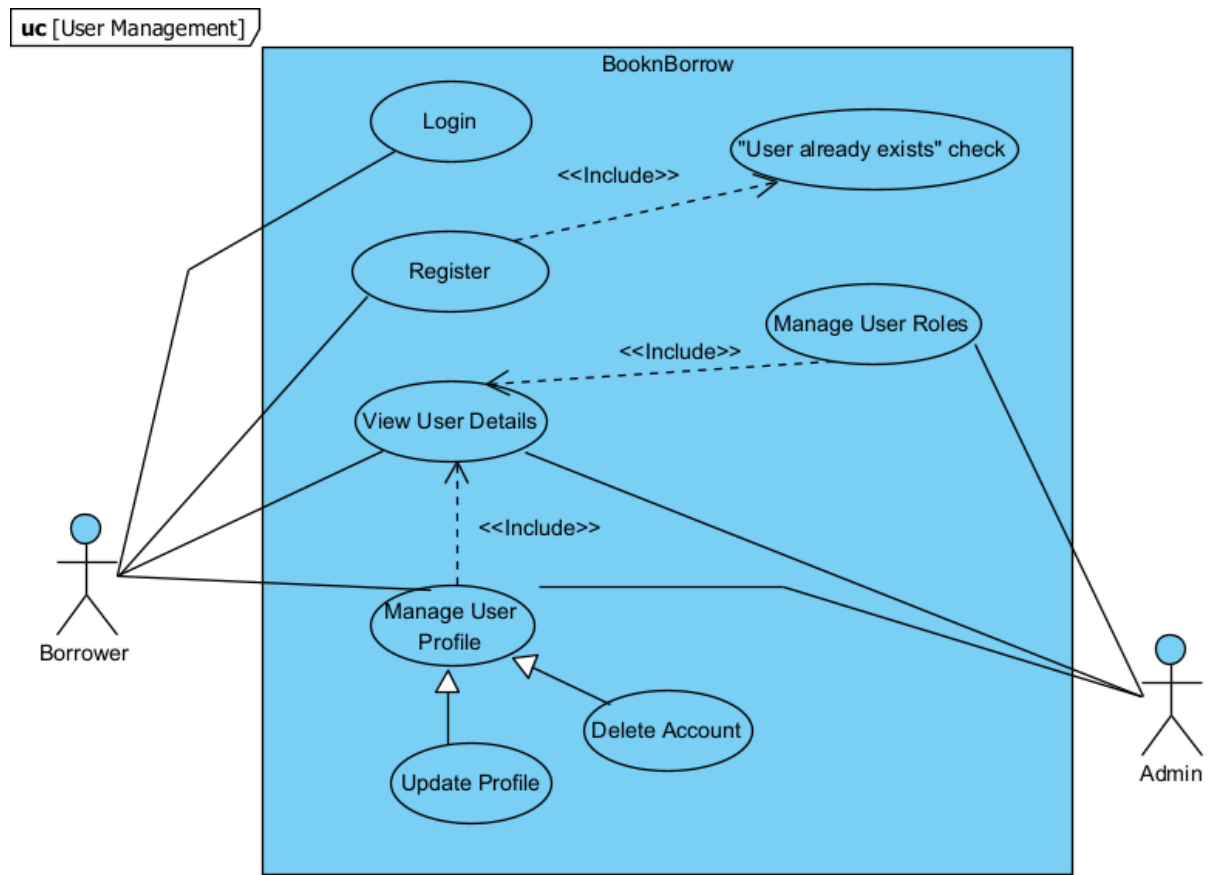
Library and Book Management Use Case Diagram



- Actors: Admin, User

- Use Cases: Add New Library (Admin), View Library Details, Add New Book (Admin), View Book Details, View books read in the past, Update Book Information (Admin), Update Library Information (Admin), Search for Books, Search for Libraries, View Borrowing Statistics (Admin).

User Management Use Case Diagram:



- Actors: Admin, User

- Use Cases: Register, Login, Update Profile, View User Details, Manage User Roles (Admin only), Delete Account, Manage Users (Admin only).