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ESSCA

BooknBorrow

Library-Management

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PARIS PANTHÉON-ASSAS UNIVERSITÉ

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Project presentation

BooknBorrow Library Borrowing

- **Topic:** Library borrowing system. 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
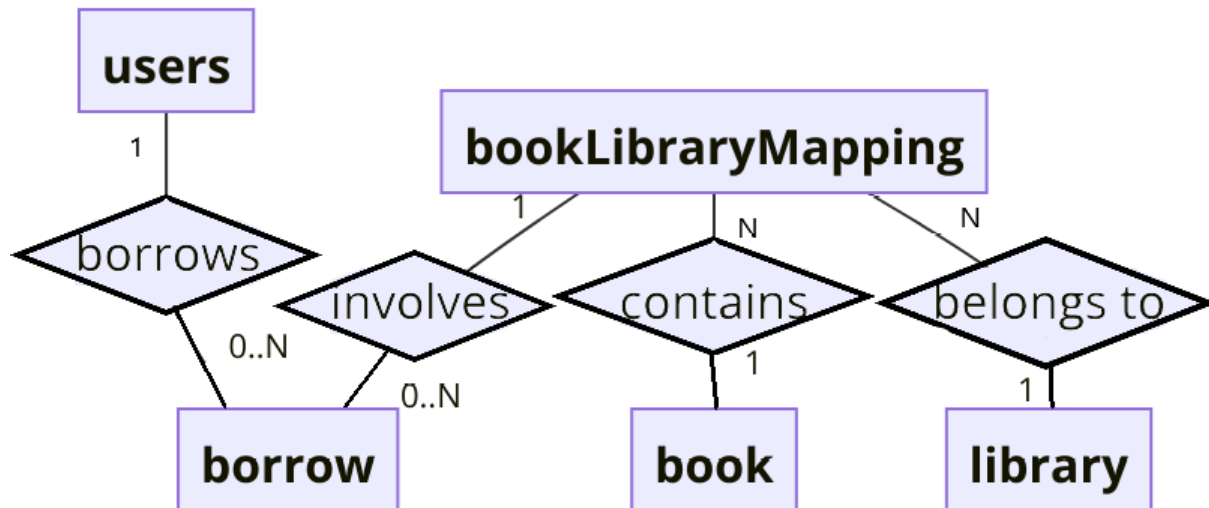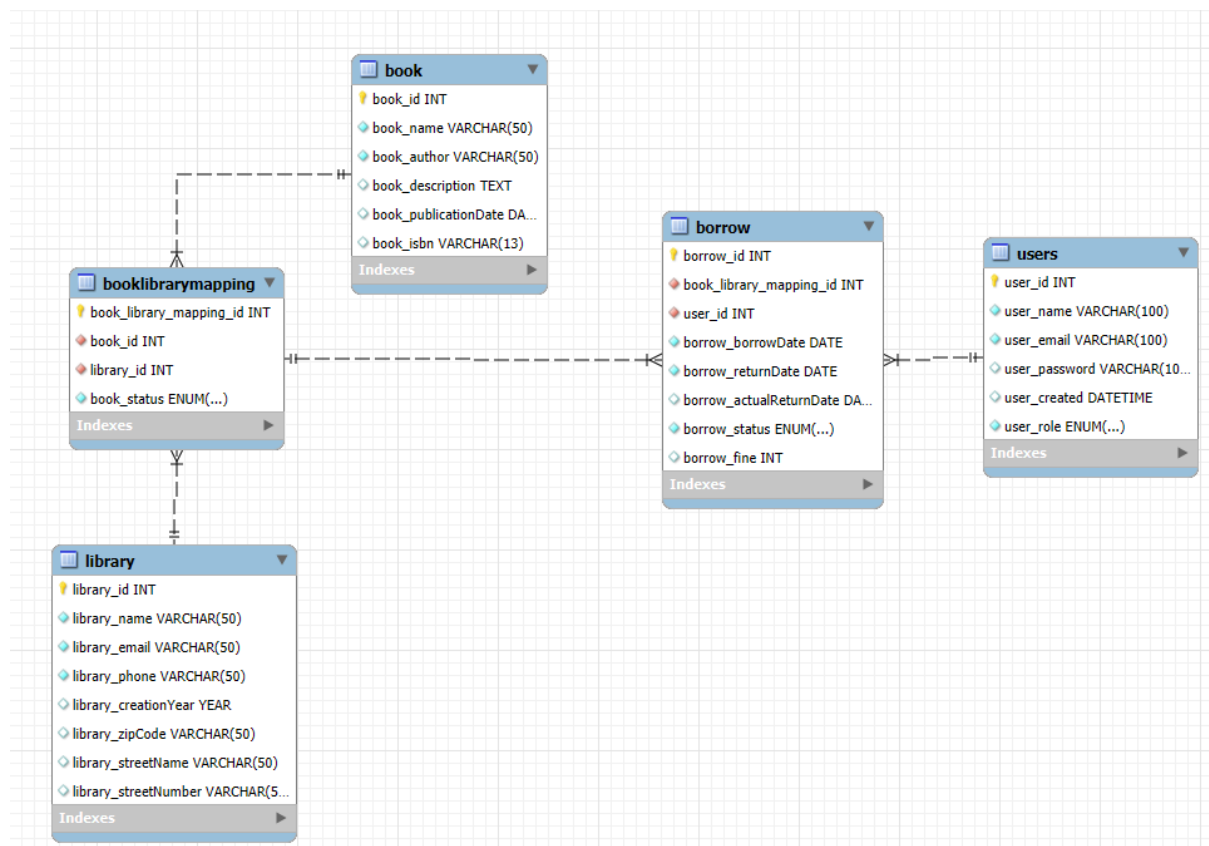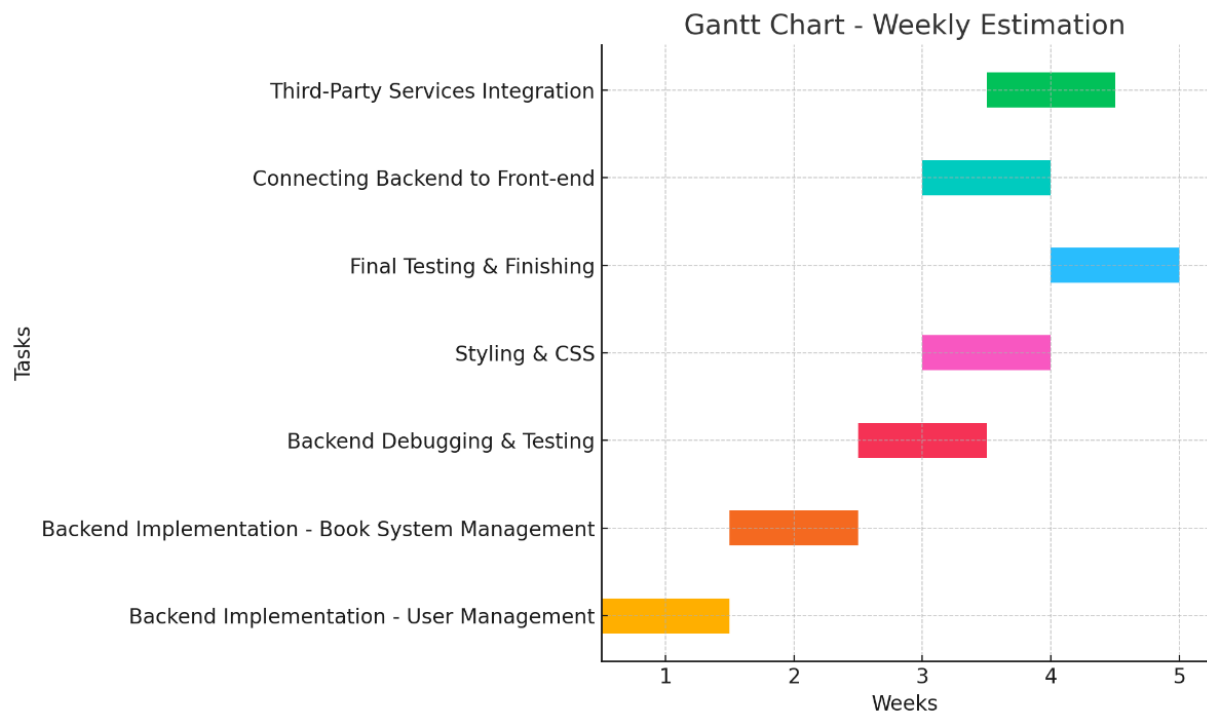
Entity-relationship diagram
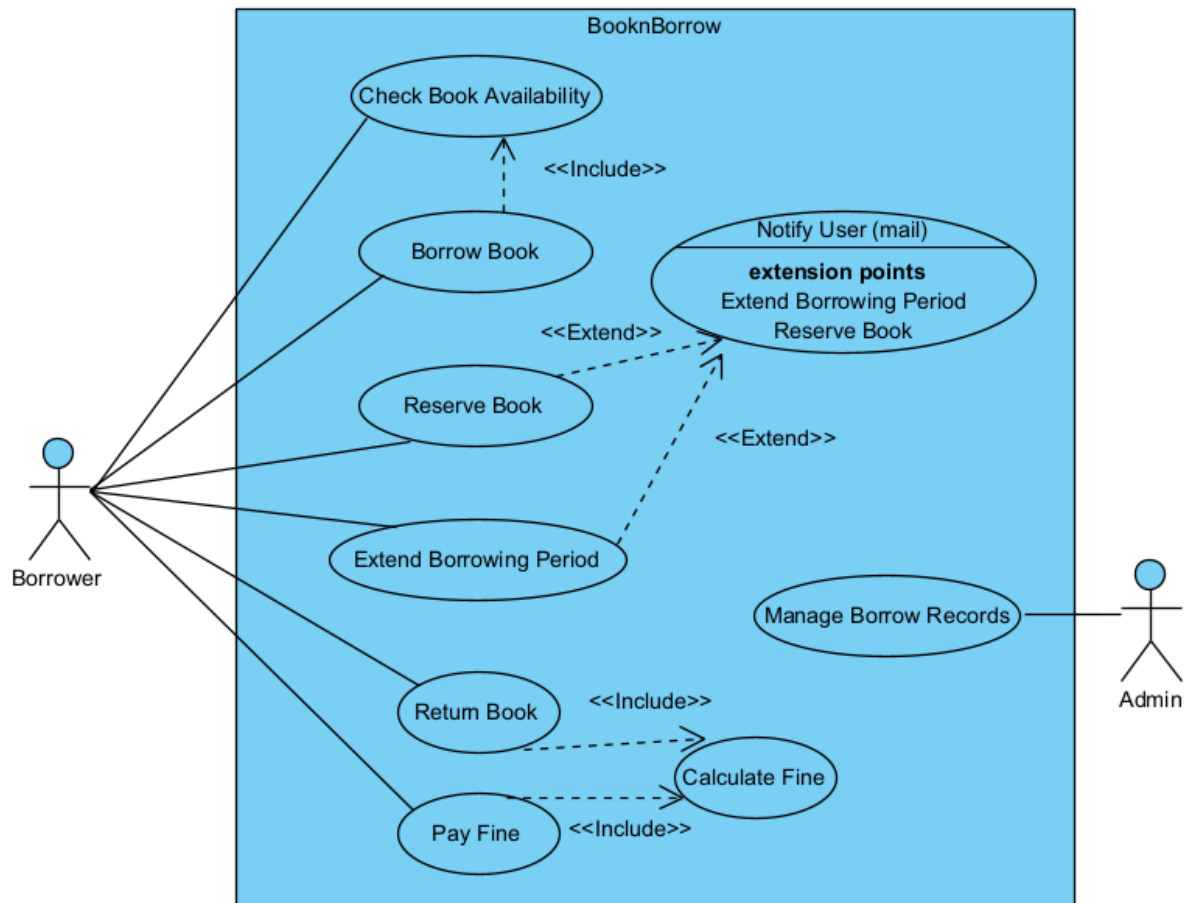

Table structure diagram

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).
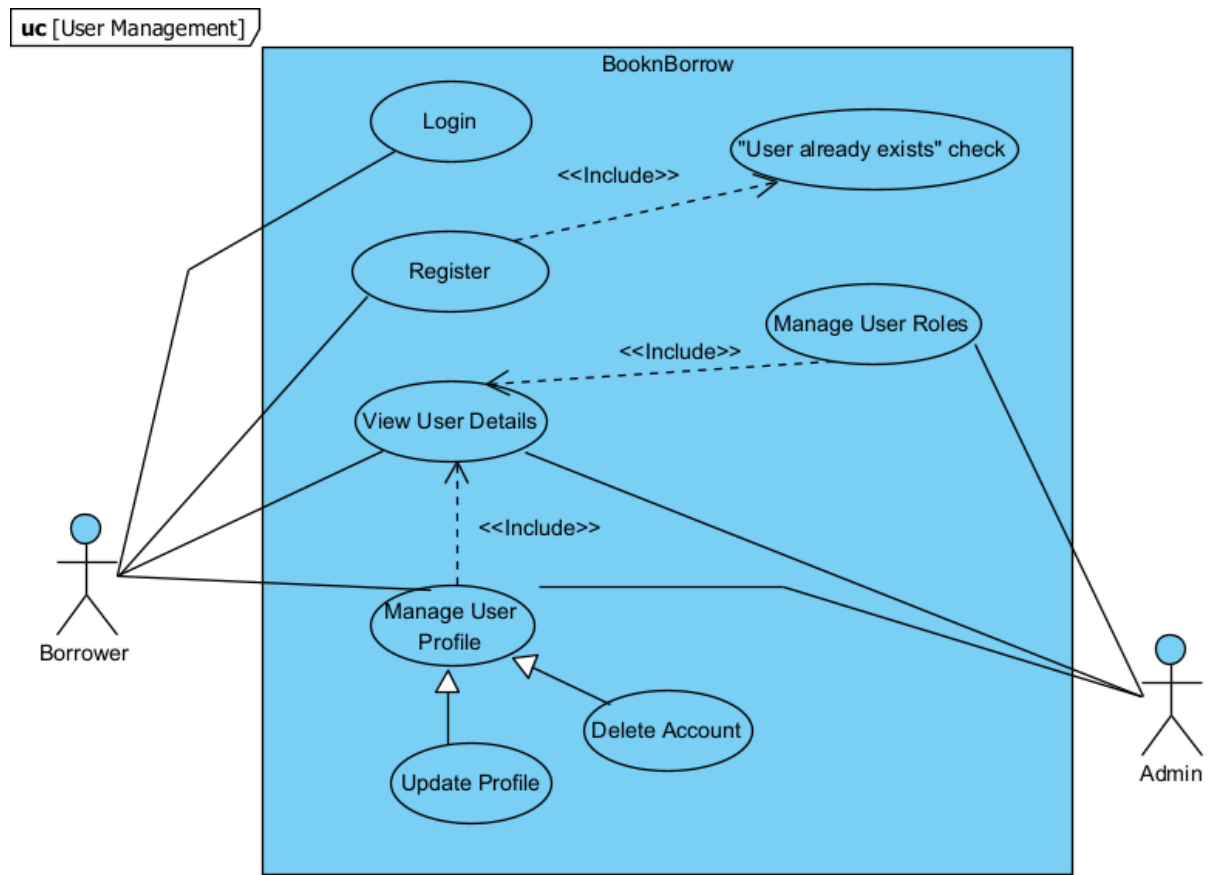
Library and Book Management Use Case Diagram

- 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).