**Member Profile Page**

**What you’d see as a library user:**

* “Welcome, **John Doe**”
* “You’ve borrowed **8 books** total”
* “Your total fines: **$5.00**”
* “Last return was **3 days late**”

**Used Functions:**

* fn\_GetMemberLoanCount → to show number of books you borrowed
* fn\_GetLateReturnDays → to tell if your return was late
* fn\_FormatMemberName → to show your name nicely (e.g., "Doe, John")

**Book Details Page**

**What you’d see while browsing books:**

* 4.7 average rating → “People love this book!”
* “Available at **Main Branch** – Shelf A2”
* “Other books like this: *The Night Circus*, *The Book Thief*”

**Used Functions:**

* GetBookAverageRating(BookID) → to show the star rating
* fn\_GetTopRatedBooks → for a “Top Picks” section
* fn\_ListAvailableBooksByLibrary → to tell where the book is available

**Admin Dashboard (Librarian View)**

**What staff/admins would see:**

* “Downtown Library: **83% of books are checked out**”
* “Top 3 reviewed books: *Atomic Habits*, *Educated*, *Becoming*”
* “Member with most fines: **Sara Ali – $17.50**”
* “Total payments today: **$124.00**”

**Used Functions:**

* CalculateLibraryOccupancyRate(LibraryID) → to calculate how full a library is
* sp\_RankMembersByFines() → to show the top fine-payers
* ViewLoanStatusSummary → to track overdue vs returned books
* ViewPaymentOverview → to track payments with member and book details

**Search Page or Book Recommendations**

**What any visitor might see:**

* “Top Rated Genres: *Fantasy*, *History*, *Science*”
* “Books that were never borrowed — discover hidden gems”
* “Trending Now: *It Ends With Us*, *The Midnight Library*”

**Used Functions:**

* Genres with high average ratings → for “Top Genres”
* Books never loaned → to recommend undiscovered books
* ViewPopularBooks → to power the “Trending” section