## Library Management System

The library management system is a WPF application designed to assist librarian staff in managing their books, members, and staff. Each staff member has a specific role assigned to them, allowing access to different parts of the application to ensure data security.

### Staff Roles and Signin Information

Admin: [admin@root.com](mailto:admin@root.com)

Reservation: [may@center.com](mailto:may@center.com)

Maintenance: [emma@center.com](mailto:emma@center.com)

Manager: [tommy@center.com](mailto:tommy@center.com)

CheckIn: [tanner@center.com](mailto:tanner@center.com)

No Access: [jim@center.com](mailto:jim@center.com)

The password hash for all of them will be newuser.

### Role Access in Application

Admin: Access to staff tab, and admin tab.

Reservation: Access to reserve tab.

Maintenance: Access to maintenance tab.

Manager: Access to available, reserve, checkin, maintenance, inventory, fine, and members, tabs.

CheckIn: Access to Checkin tab.

No Access: Cannot access the application.

### Role Functions

Everyone: The staff tab is accessible to all staff, it is where they can view their staff information and update their password.

Admin: The admin can activate, deactivate, insert a new staff, add roles, and remove roles from the staff members in their admin tab.

Reservation: The reservation staff can move a reserved book from reserved to checkin and inspection.

Maintenance: The maintenance staff can move their books in maintenance to available.

Manager: The manager can move an available book to reserve, view the book inventory and insert a new book into the inventory, view the members, add or remove fines from members, handle the reservation, maintenance, and checkin roles as well.

CheckIn: The CheckIn staff can move a book to available or to maintenance based on the condition it is in after inspection.

No Access: Has no access to the application.

### Contact

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