

# CEG 4110 PROJECT

## REQUIREMENTS

### LOG IN WINDOW

- There shall be a username and password with proper authentication in the login window.
- There shall be two types of profiles: user and administrator.

### USER PROFILE

- There shall be at least three columns displaying the database: Book name, Book ID, and availability.
- There shall be checkboxes to select the books.
- There shall also be buttons at the bottom and top of the page to borrow the available books.
- The time for which the book is borrowed may be asked.

### ADMIN PROFILE

- There shall be at least four columns displaying the database: Book name, Book ID, availability, and the borrower username.
- There shall be check boxes next to the books to select and perform operations on the database.
- There shall be buttons to add and delete books in the database.
- There shall be a column displaying the available quantity of the books.

### DATABASE

- The admin shall be able to add and remove books.
- The accurate number of books available should be displayed on the GUI.