**REQUIREMENTS**

**Software Requirements:**

* MinGW Compiler
* Code::Blocks IDE v20.03

**Operating System:**

* Windows OS
* Ubuntu

**Language used:**

* C

**Functional Requirements:**

* **User login**: - To enter id and password before they are allowed to enter the system. User id and password will be verified and if valid allowed and if invalid not allowed.
* **Register New use**r: -To create a new account system. For this the system must be able to delete, verify information.
* **Add books**: - This function add new books in a file. For this we should mention the department to which we want to add the books. The record is saved in a file
* **Delete books**: - This function is used to delete books in a file. For this we should mention the department to which we want to delete the book from. The record is saved in a file.
* **Edit books**: -This function is used to edit the information of a book such as, to update the number of books, enter the number of copies of a book after it is added or deleted from the file.
* **Search book**s: - This function is used to search books based on id, book name.
* **Issue books**: - This function is used to search if a book is available or not before issue and to view the books which are to be issued.
* **View books**:- This function is used to view the list of books available.