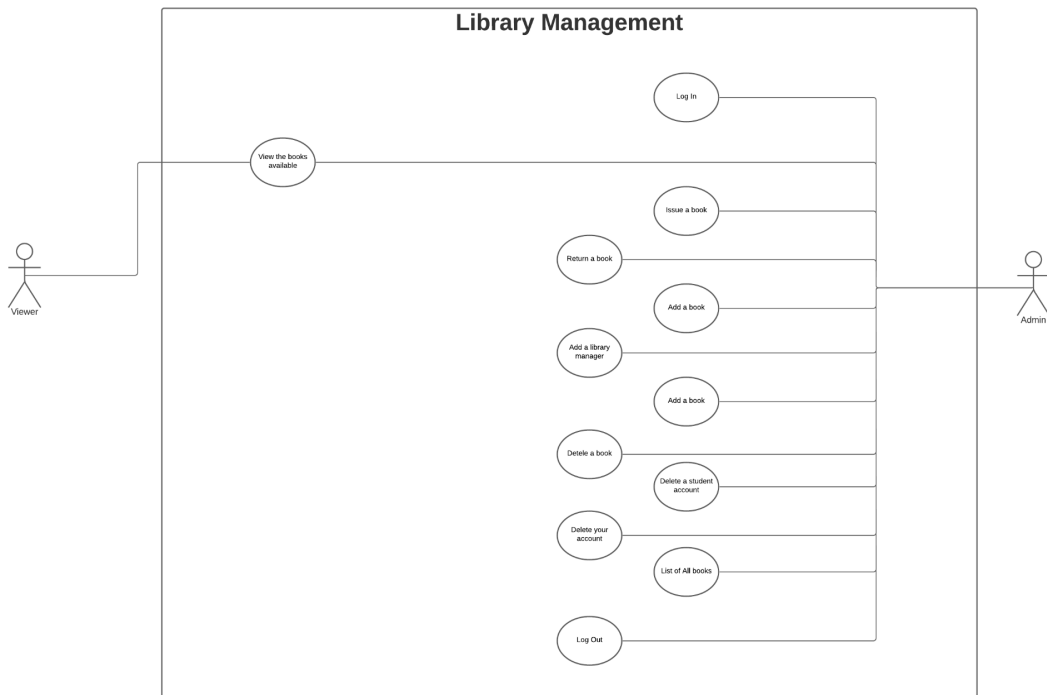


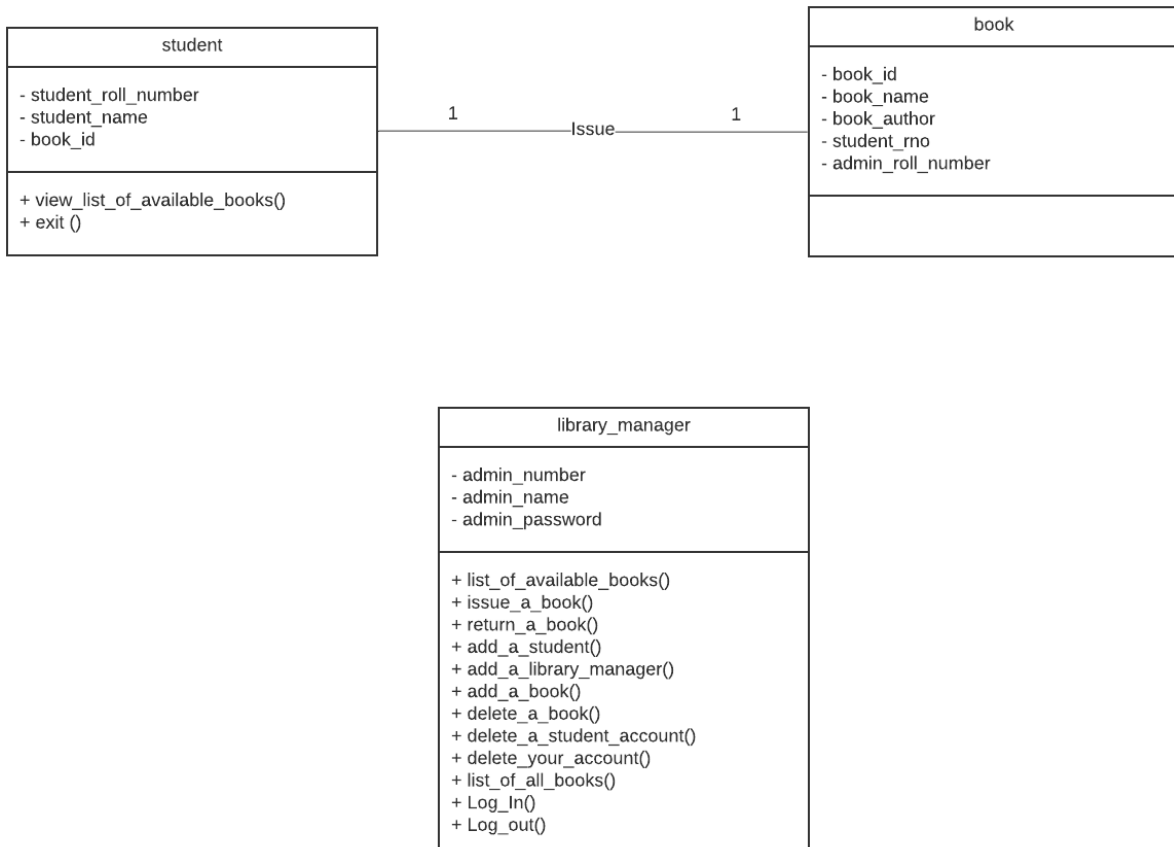
# Library Management

-Archit Sangal IMT2019012

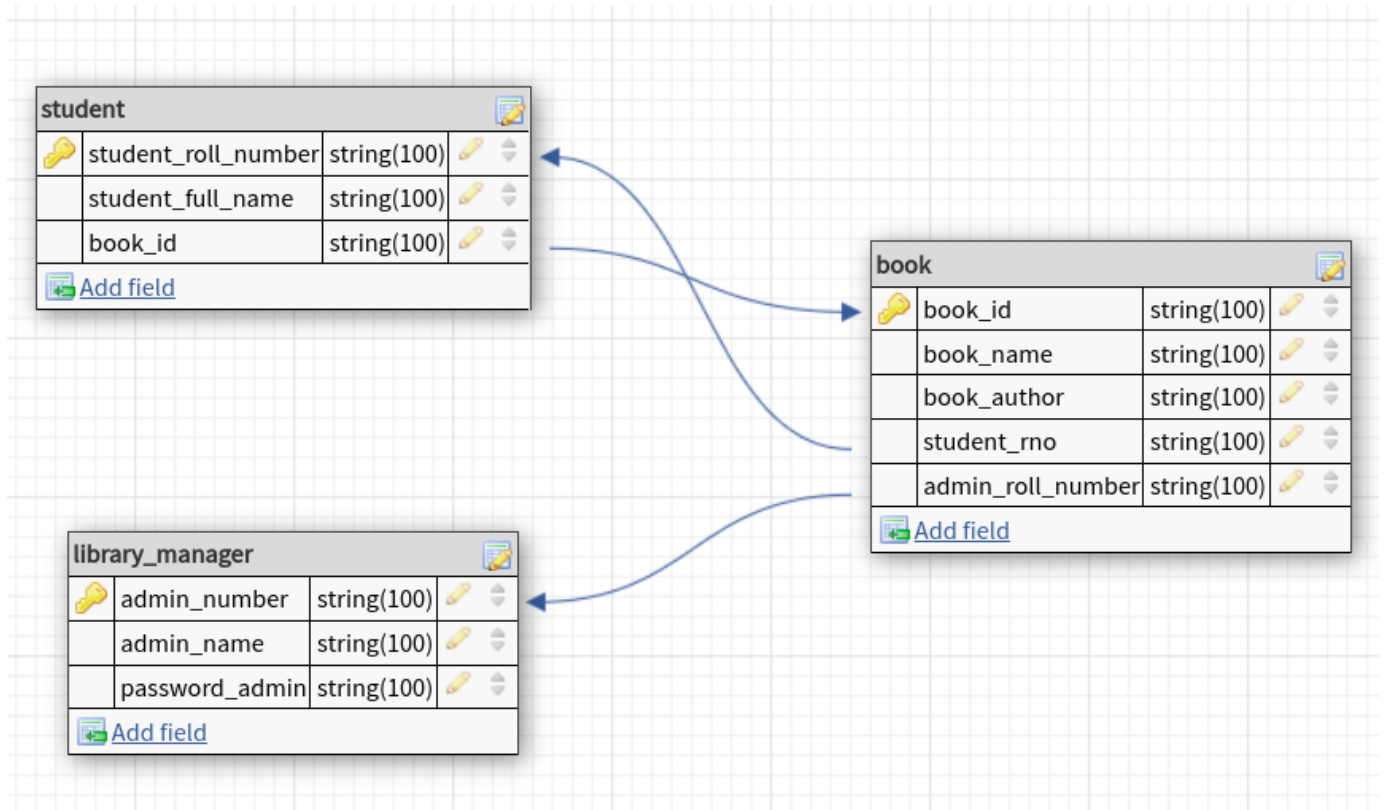
## Use Case Diagram



## UML Diagram



## OR Mapping (DB Design)



## Output Screenshots

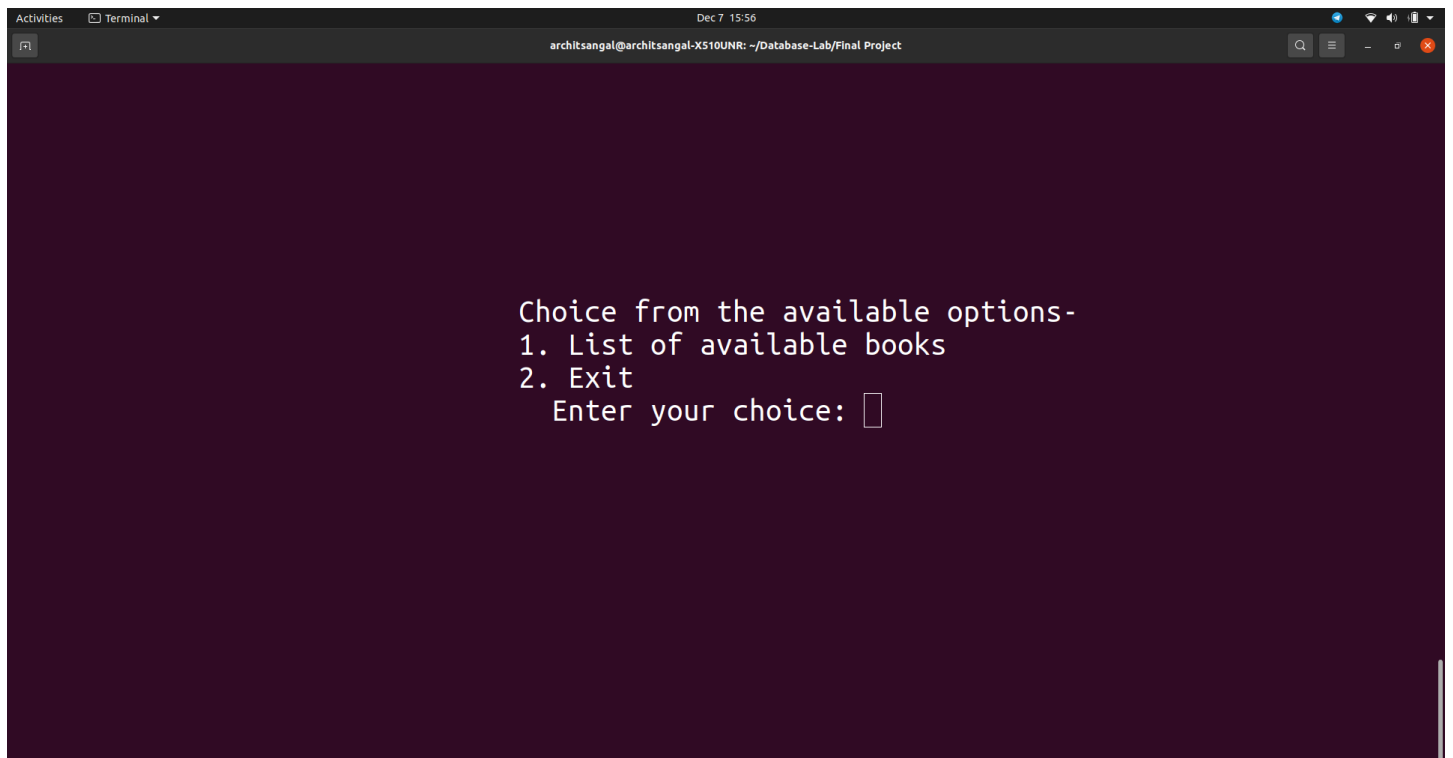
Login Screen -

```
Activities Terminal Dec 7 15:56
architsangal@architsangal-X510UNR: ~/Database-Lab/Final Project

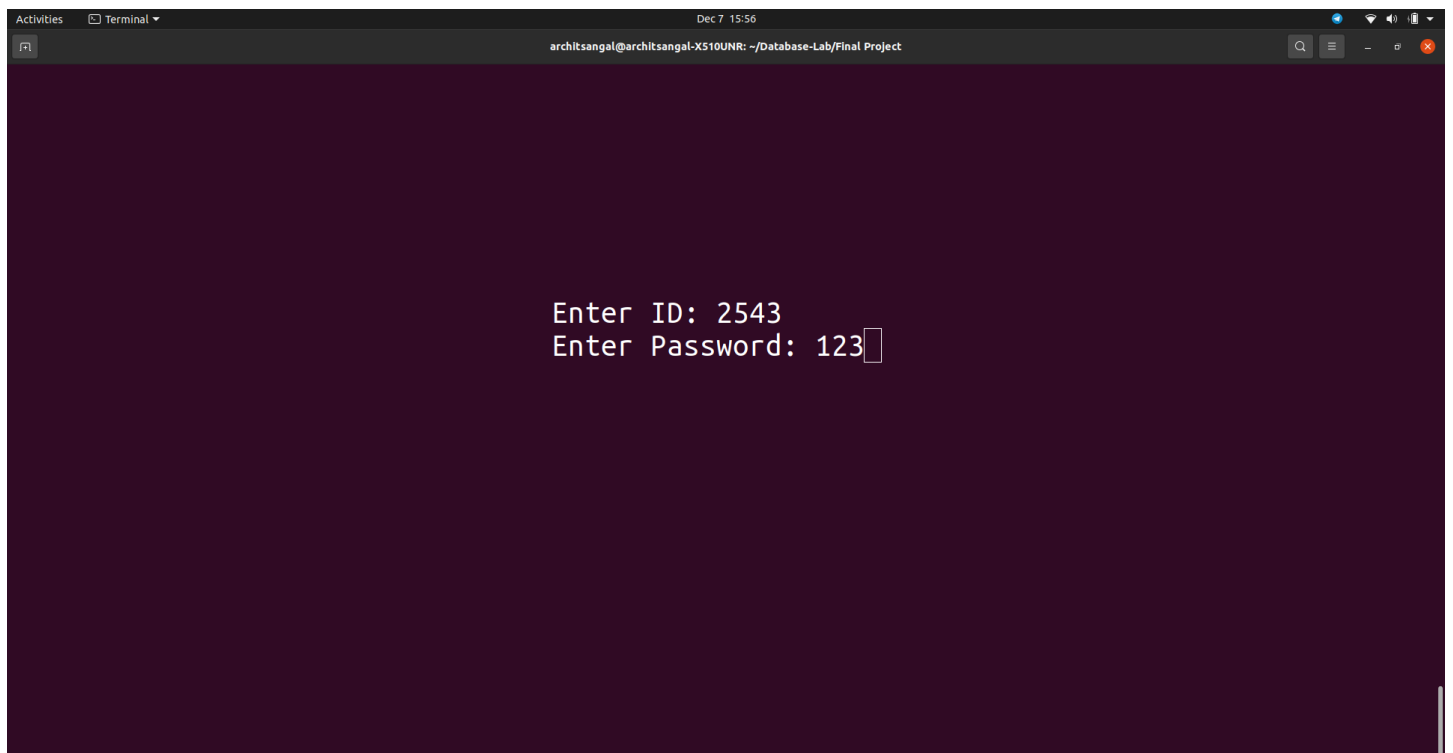
Hello User !!

Login As -
1. Student
2. Library Manager
3. Exit
Enter Your Choice: 
```

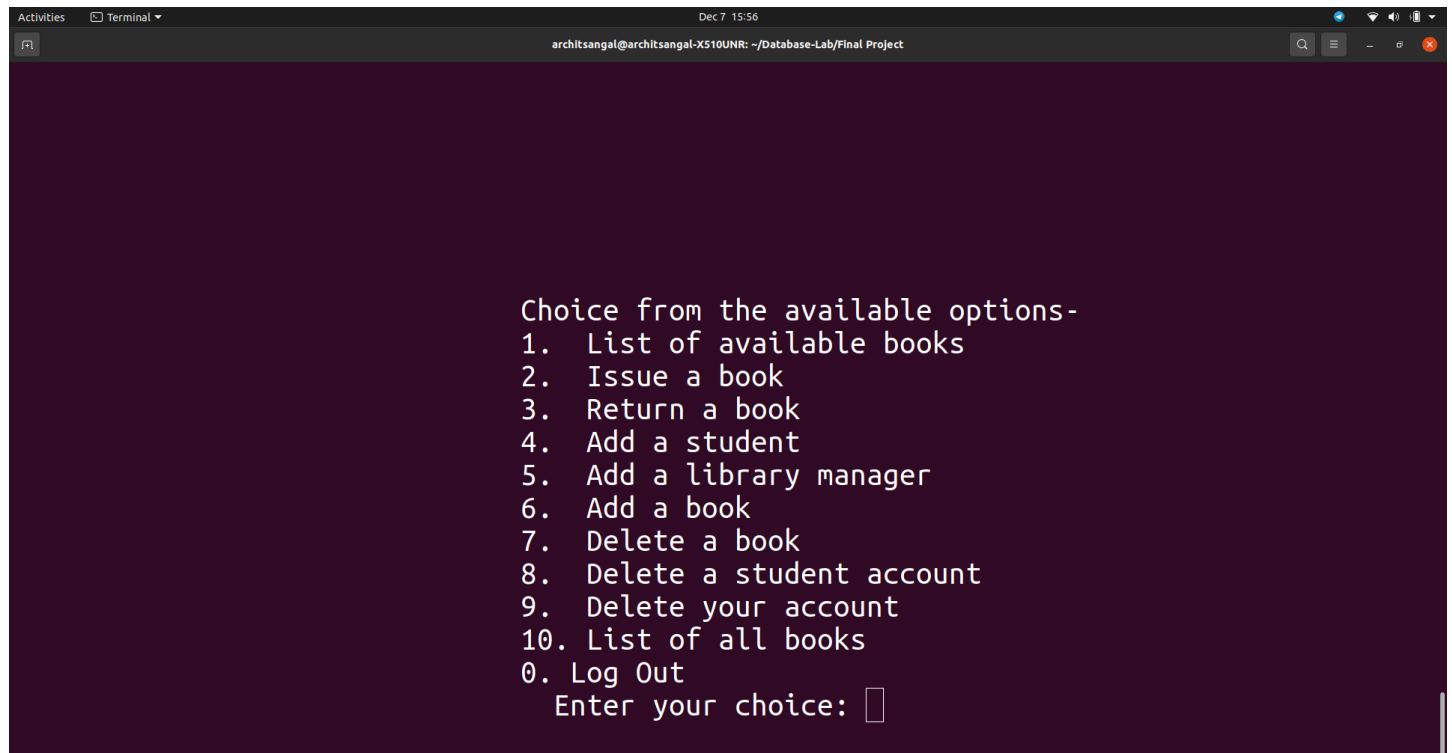
## Student screen -



## Login screen Admin-



## Library Manager Screen -

A screenshot of a terminal window with a dark purple background. The terminal shows a list of 10 options for a library manager. The options are numbered 1 through 10, with 0 for 'Log Out'. The text is in a light green monospace font. At the bottom, it says 'Enter your choice:' followed by a cursor.

```
Choice from the available options-
1. List of available books
2. Issue a book
3. Return a book
4. Add a student
5. Add a library manager
6. Add a book
7. Delete a book
8. Delete a student account
9. Delete your account
10. List of all books
0. Log Out
Enter your choice: █
```

## Notes and Instructions to run the code

### Notes:

- Students can see the list of available books.
- The manager can see the list of available books.
- The manager can issue a book to students.
- The manager can update the book information.
- Add a student account.
- Add a library manager account.
- Add book information.
- Delete a book information
- Delete a student account
- Delete their account
- Show a list of all books
- Log out

## Instructions:

**Open root user and enter the following command -**

- CREATE USER 'user45'@'localhost' IDENTIFIED BY 'Password@45';

**Go to sql director and enter the following command with root user-**

- source all.sql

**Java commands to execute the code-**

- javac JdbcDemo.java
- java -classpath "mysql-connector-java-8.0.18.jar:." JdbcDemo

**For removal of database completely, Go to sql director and enter the following command with root user-**

- source drop.sql