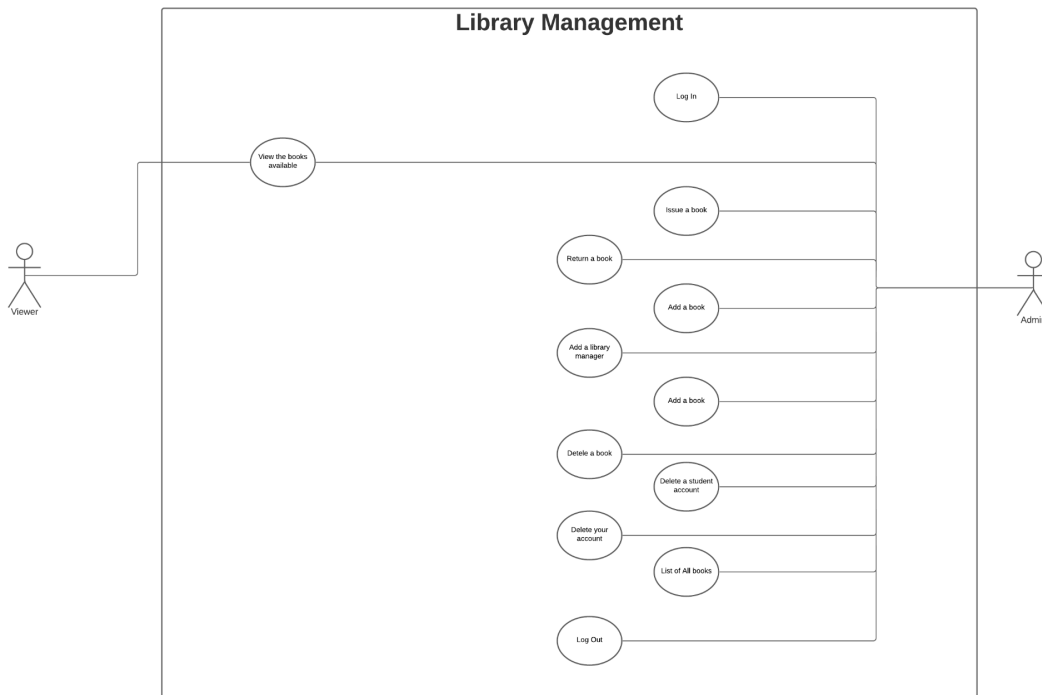


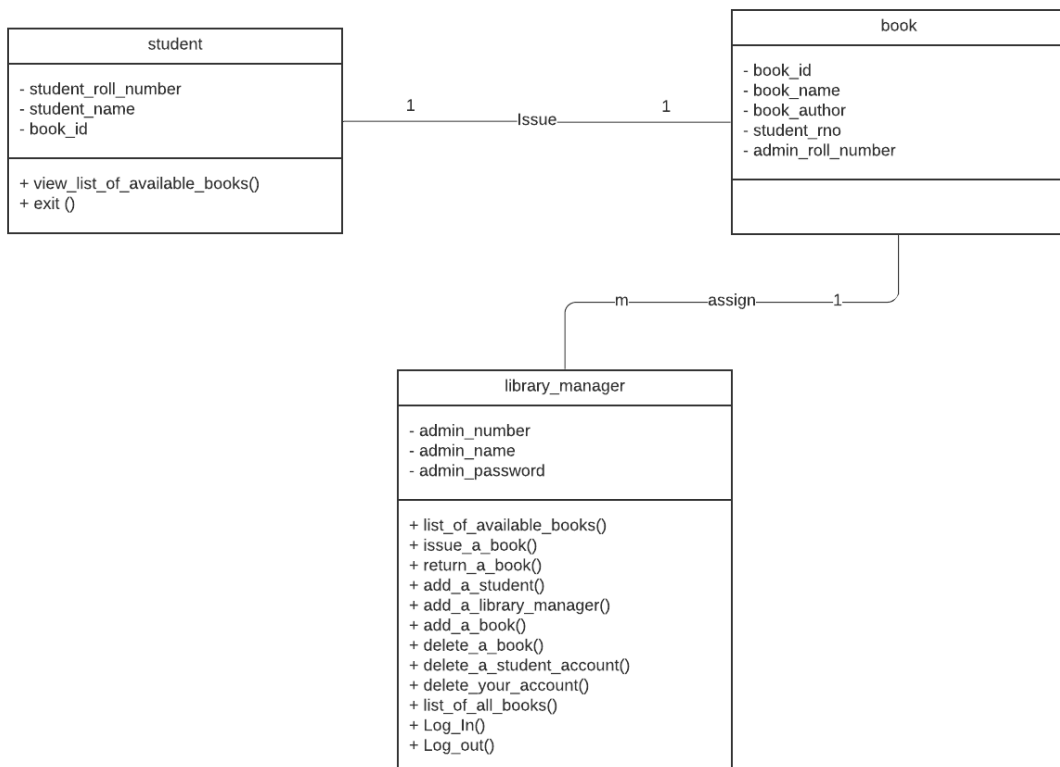
Library Management

-Archit Sangal IMT2019012

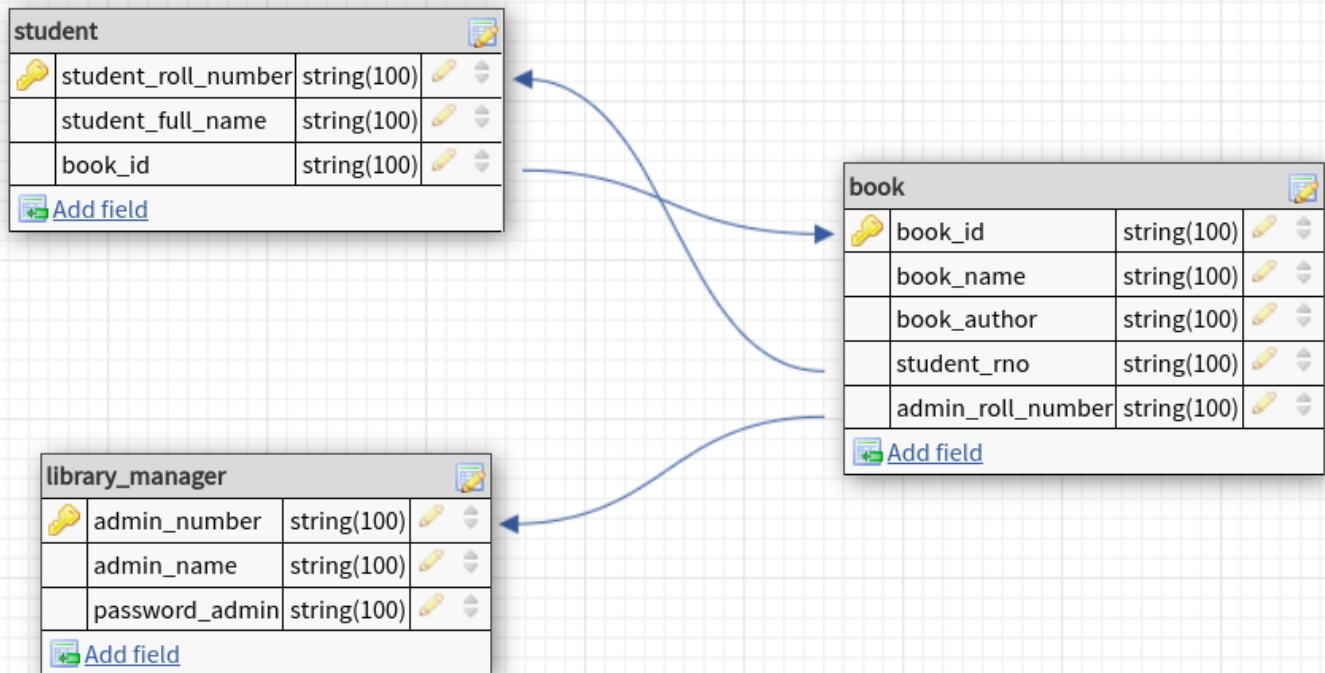
Use Case Diagram



UML Diagram



OR Mapping (DB Design)



Output Screenshots

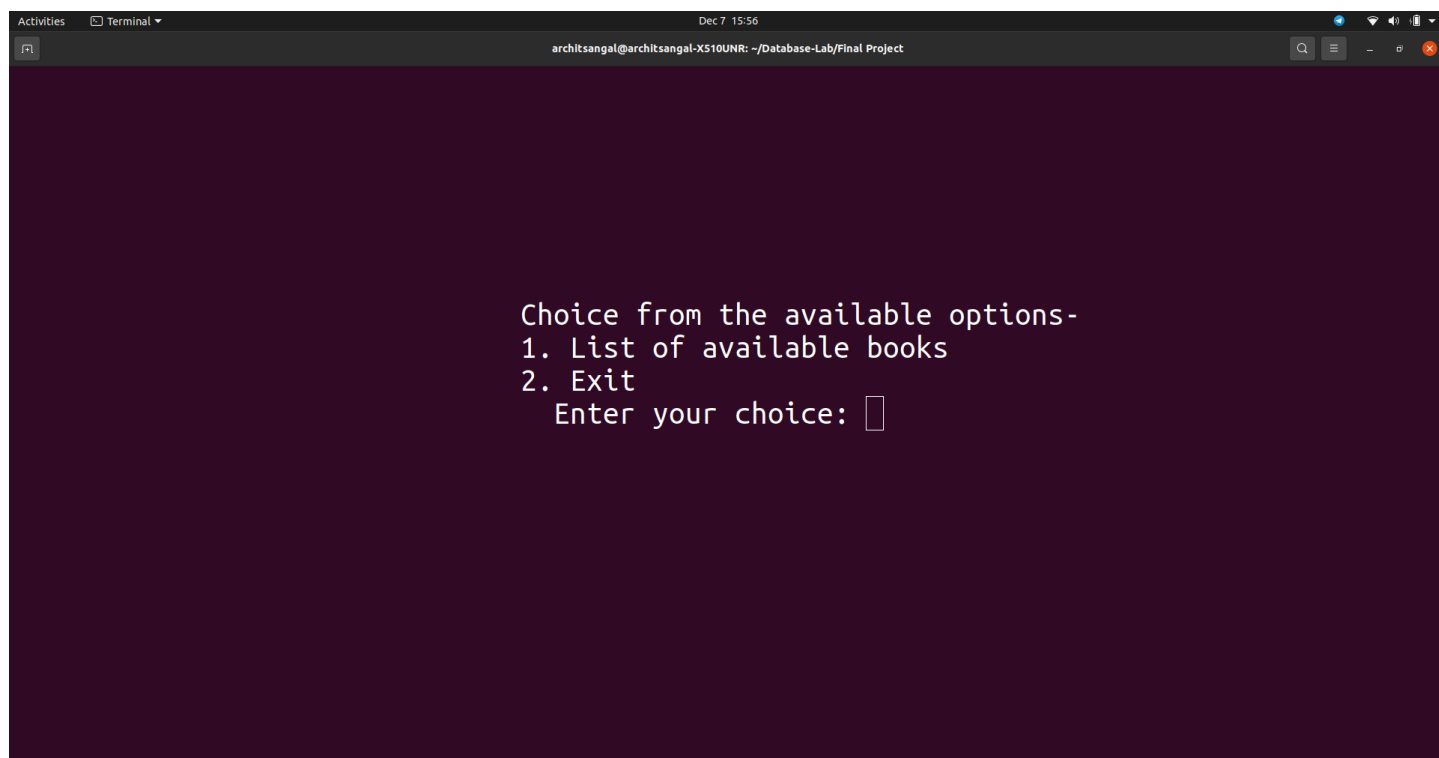
Login Screen -

```
Activities Terminal Dec 7 15:56
architsangal@architsangal-XS10UNR: ~/Database-Lab/Final Project

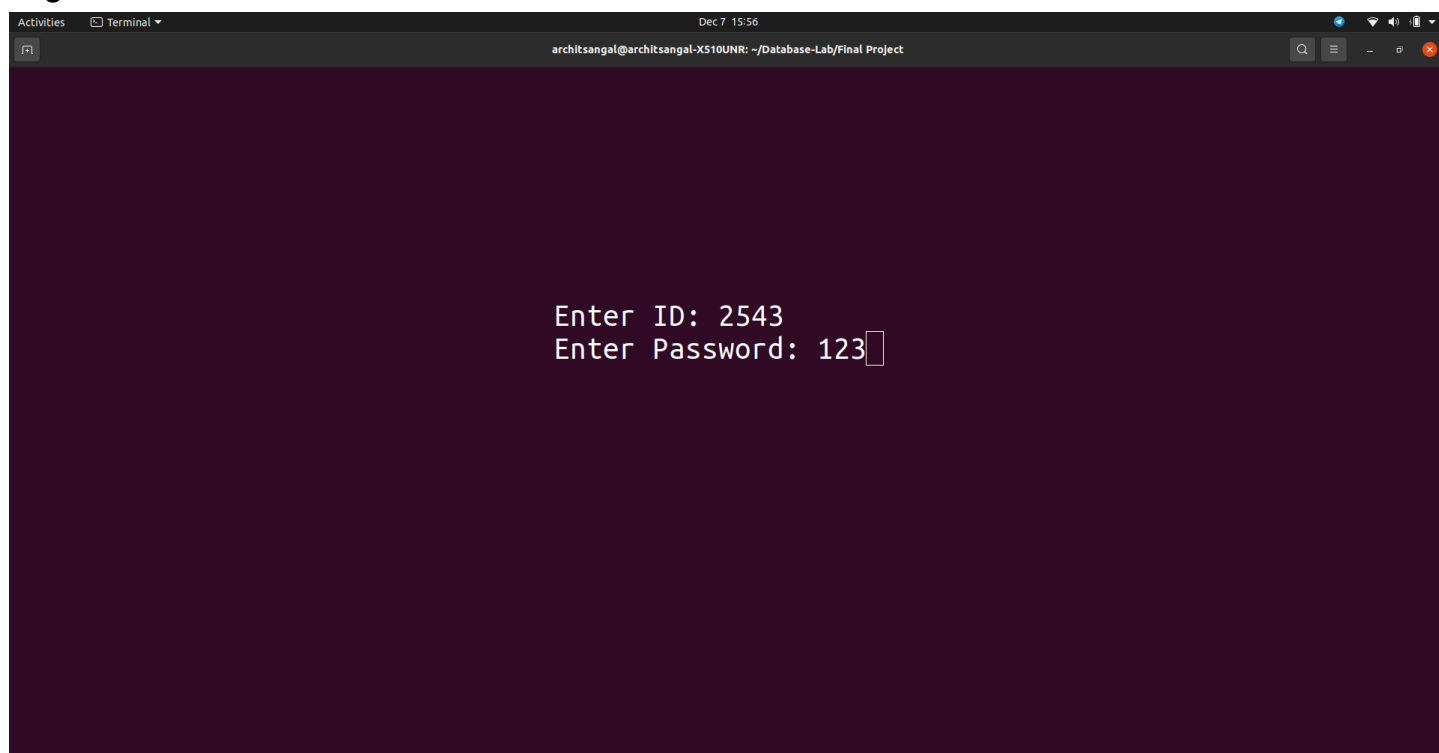
Hello User !!

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

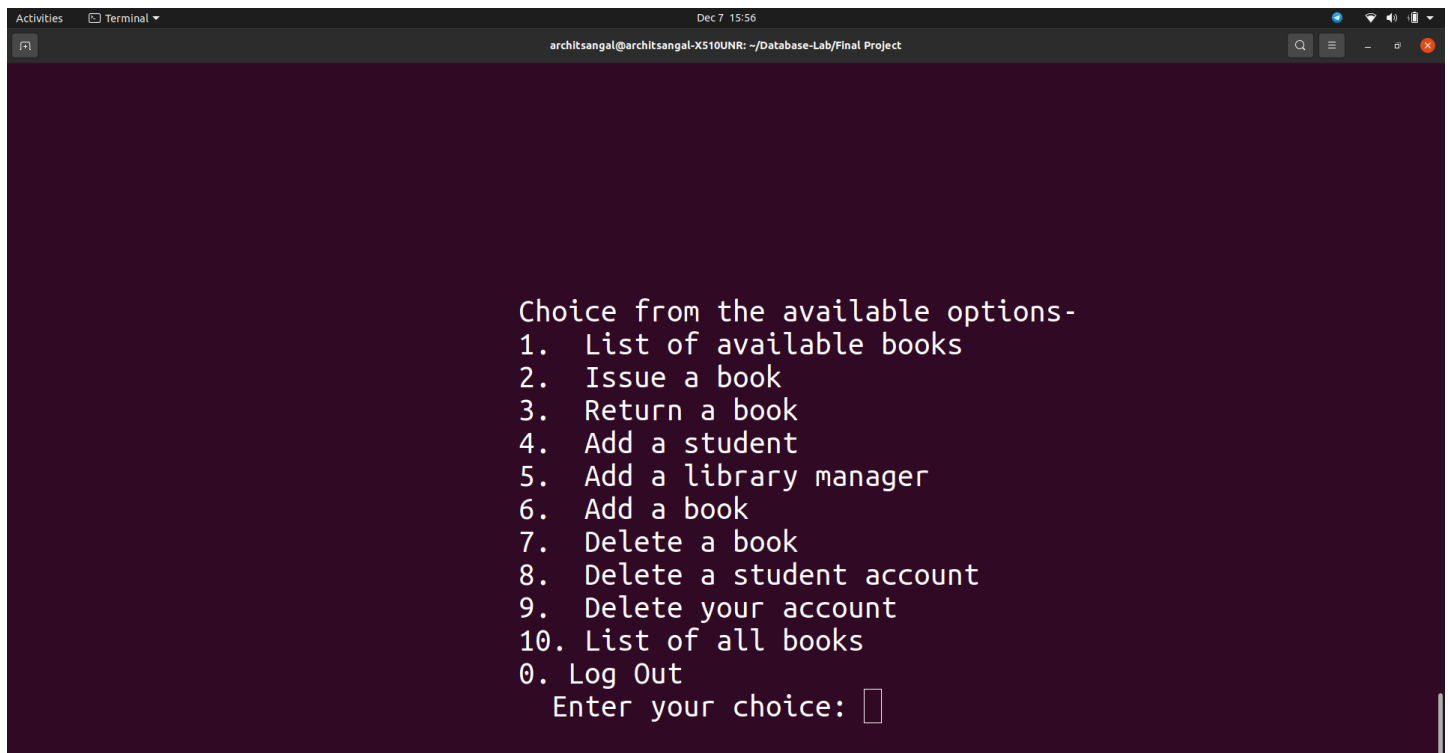
Student screen -



Login screen Admin-



Library Manager Screen -

A screenshot of a terminal window with a dark purple background. The terminal title bar shows 'Activities', 'Terminal', and the date/time 'Dec 7 15:56'. The user prompt is 'architsangal@architsangal-X510UNR: ~/Database-Lab/Final Project'. The menu text is displayed in a light green monospace font. It lists 11 options, with the last one being 'Log Out'. Below the list is a prompt 'Enter your choice:' followed by a small rectangular input field.

```
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