COLLEGE LIBRARY PANEL

DESCRIPTION : ROLE

- **EMPLOYEE** : Employee is the administrator of the Library Panel to control the entire management.

- **STUDENT** : Student is the accessor or user of the Library Panel.

DESCRIPTION : FUNCTIONALITY

- **EMPLOYEE :**

1. SignUp/Registeration.

2. SignIn/Login.

3. Add Book Details.

4. Delete Book From Record.

5. View Books List.

6. Search Book.

7. Issue Book to Student.

- **STUDENT :**

1. SignUp/Registeration

2. SignIn/Login.

3. View Books List.

4. Search Book.

DESCRIPTION : DATABASE TABLES

- **LOGIN**   : lid(PK)(rollno, empid), pass, name, role(emp,stu)
- **BOOKS**   : bid(PK), title, subject, author,status(avail/issued)
- **STUDETAIL**   : rollno(PK), name, dept, sem, batch
- **EMPDETAIL**   : empid(PK), name, dept, doj, salary
- **ISSUEDETAIL** : bid, issueto(rollno), issueby(empid)

SAMPLE OUTPUT : FIRST SCREEN

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WELCOME TO COLLEGE LIBRARY PANEL

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SELECT THE GIVEN OPTIONS:

1. for Login

2. for Register New Student

3. for EXIT

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Enter Your Choce: _
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SAMPLE OUTPUT : LOGIN SCREEN

```
Enter Login ID: 102011

Enter Password:


INVALID LOGINID/PASSWROD  //for INVALID login credentials


//for VALID login credentials

//IF STUDENT : THEN

SELECT THE GIVEN OPTIONS:

1. for View All Books.

2. for Search Book.

3. for EXIT

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Enter Your Choce: _


//IF EMPLOYEE : THEN

SELECT THE GIVEN OPTIONS:

1. for Add Book
```

```
2. for Delete Book.

3. for List All Book.

4. for Search Book.

5. for Issue Book.

6. for Add New Employee

7. for EXIT

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Enter Your Choce: _
```

SAMPLE OUTPUT : VIEW BOOK LIST SCREEN

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--------------------------------------------------------------------

BID     TITLE           SUBJECT         AUTHOR          STATUS

--------------------------------------------------------------------

101     Java Prog       Java            Balagurusamy    AVAILABLE

102     Linux Sys       OS              Ken Berry       AVAILABLE

103     SCJP Practice   Java            Kathy Sierra    ISSUED

104     C Language      PC              Balagurusamy    AVAILABLE

105     Sampling        Maths           S.M Agarwal     ISSUED

--------------------------------------------------------------------
```

SAMPLE OUTPUT : SEARCH BOOK SCREEN

```
Search Book Here:
Enter Text To Search : Java

--------------------------------------------------------------------

BID     TITLE           SUBJECT         AUTHOR          STATUS

--------------------------------------------------------------------

101     Java Prog       Java            Balagurusamy    AVAILABLE

103     SCJP Practice   Java            Kathy Sierra    ISSUED

--------------------------------------------------------------------
```

SAMPLE OUTPUT : ADD NEW BOOK SCREEN
[NOTE: BID - auto increment and status - AVAILABLE by default]

```
ADD NEW BOOK HERE:

Enter TITLE   : Sampling

Enter SUBJECT : Maths

Enter AUTHOR  : S.M Agarwal

****** NEW BOOK ADDED TO RECORD *****

THANK YOU!!
```

SAMPLE OUTPUT : DELETE BOOK SCREEN

```
DELETE BOOK HERE:

ENTER BOOK ID : 101

****** BOOK DELETED FROM RECORD *****

THANK YOU!!


//if employee provide wrong book id then:

######### DELETE ERROR : BOOK NOT FOUND ##########
```

SAMPLE OUTPUT : ISSUE BOOK SCREEN

```
ISSUE BOOK HERE:

ENTER BOOK ID       : 101

ENTER STUDENT ROLLNO : 106012

****** BOOK ISSUED TO 106012 *****

THANK YOU!!


//if employee provide wrong book id or rollno then:

######### BOOK ISSUE ERROR ##########

//if employee provide book id that is already issue:

######### BOOK ISSUE ERROR : BOOK IS NOT AVAILABLE ##########
```

SAMPLE OUTPUT : ADD NEW STUDENT SCREEN

```
REGISTER STUDENT HERE:

ENTER DETAILS:

ROLLNO   : 106012

NAME     : Ayaan Khan

DEPT     : CS

SEM      : 3

BATCH    : 2015_

PASSWORD :

****** REGSTRATION SUCCESSFULLY *****

LOGIN DETAILS FOR PANEL ACCESS

YOUR LOGIN ID : 106012

YOUR PASSWORD : india

THANK YOU!!
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SAMPLE OUTPUT : ADD NEW EMPLOYEE SCREEN

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REGISTER EMPLOYEE HERE:

ENTER DETAILS:

EMP ID   : 900102

NAME     : Ayaan Khan

DEPT     : CS

JOIN DATE: 2014-11-22

SALARY   : 29000.00

PASSWORD :

****** EMPLOYEE ADDED SUCCESSFULLY *****

LOGIN DETAILS FOR PANEL ACCESS

LOGIN ID : 900102
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```
PASSWORD : adminindia
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```
THANK YOU!!
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