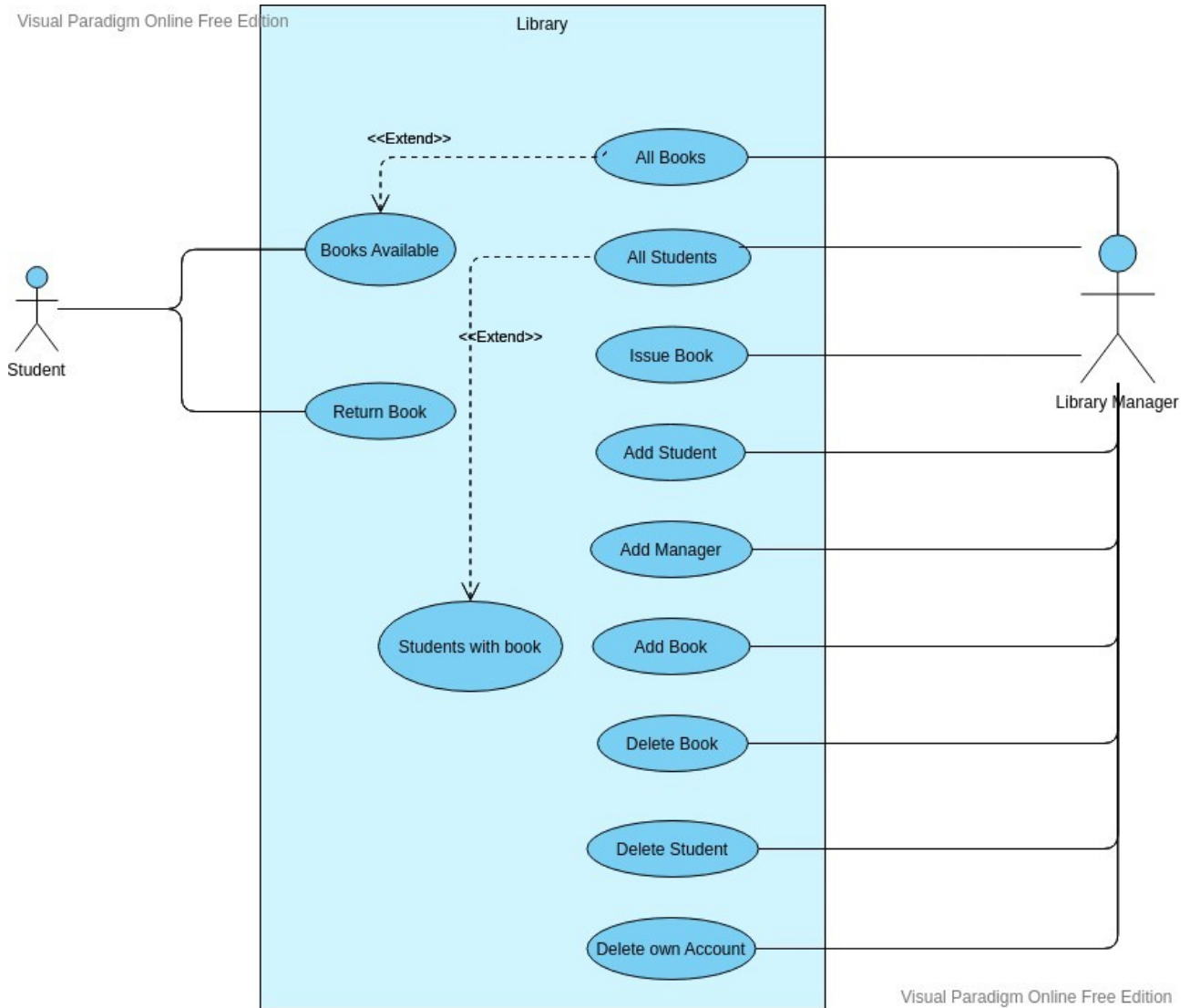


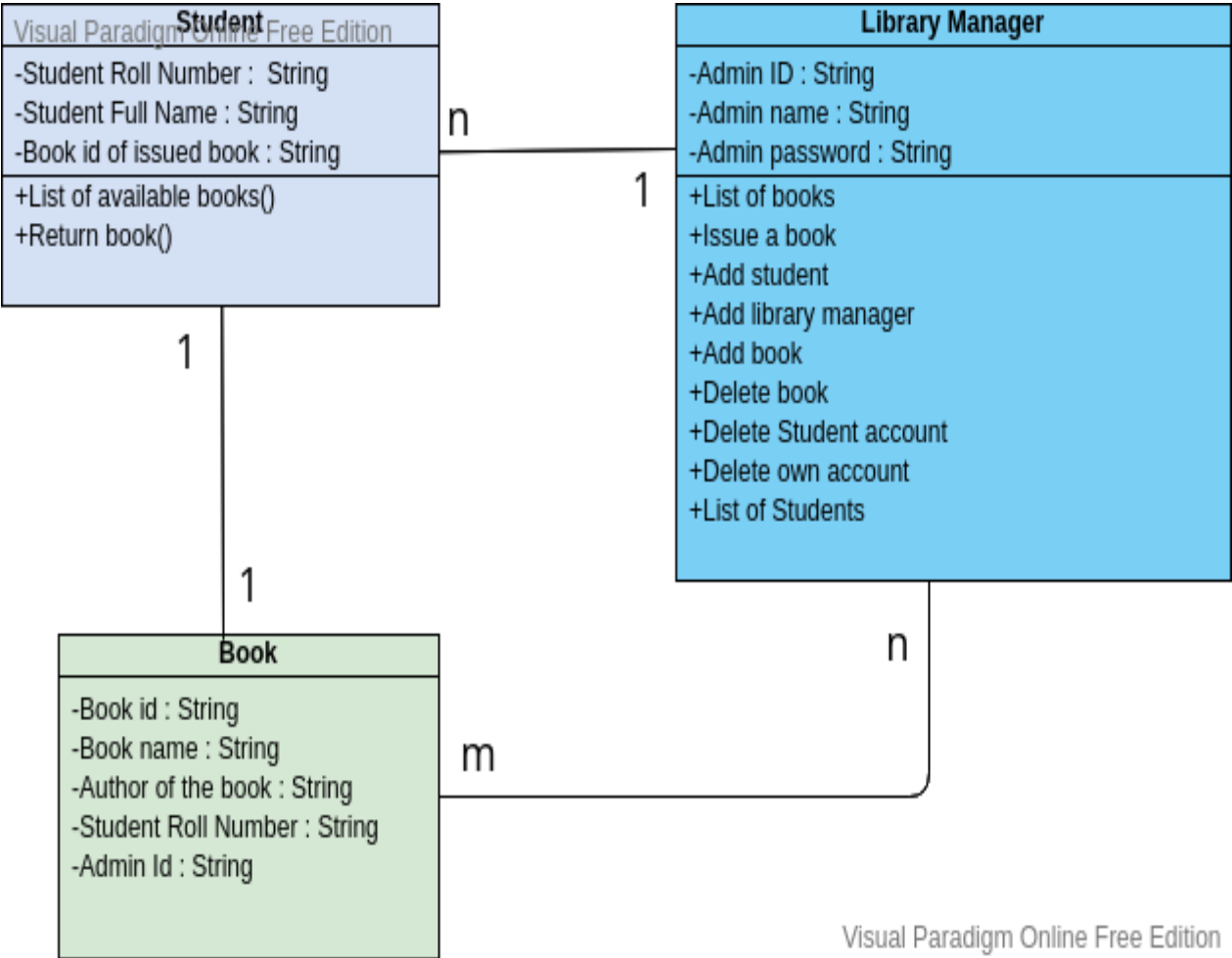
# Project Report Template

IMT2020044

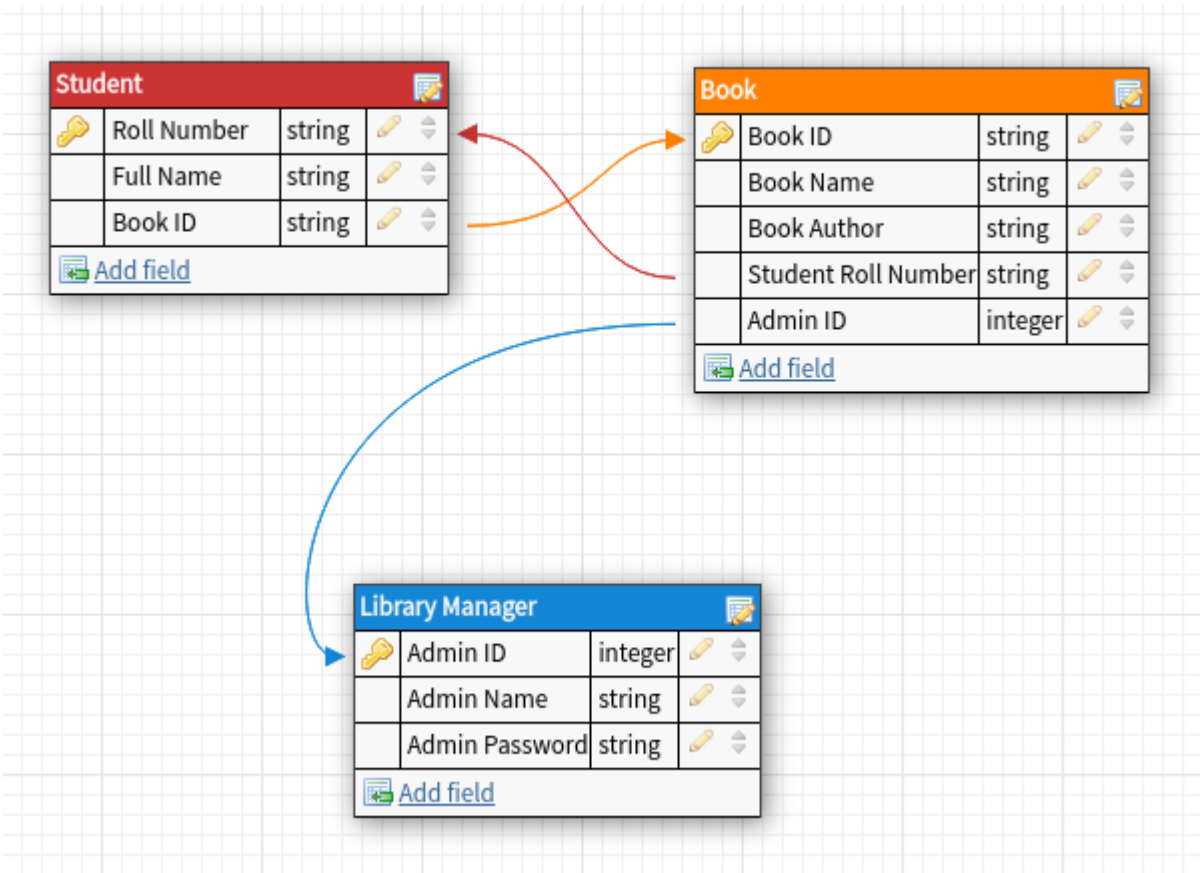
## 1. Use Case Diagram



2. UML Diagram



### 3. OR Mapping



### 4. Output Screenshots

## 1. Main Menu

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Hello User !!

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

## 2. Student Menu

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Choice from the available options-
1. List of available books
2. Return the issued book
0. Exit
Enter your choice: █
```

## 3. Admin Verification For Login

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Enter ID: 1
Enter Password: 123█
```

#### 4. Admin Menu

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project

Choice from the available options-
1. List of available books
2. Issue a book
3. Add a student
4. Add a library manager
5. Add a book
6. Delete a book
7. Delete a student account
8. Delete your account
9. List of all books
10. List of all students
11. List of students who have issued a book
0. Log Out

Enter your choice: █
```

#### 5. List of all available books

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project

List of Available books:

+-----+-----+-----+
| Book ID | Book Name       | Author       |
+-----+-----+-----+
| 111111  | Vision          | Vision       |
| 123124  | Harry Potter    | Harry Potter |
| 123456  | Wings of Fire   | Wings of Fire |
+-----+-----+-----+

Choice from the available options-
1. List of available books
2. Issue a book
3. Add a student
4. Add a library manager
5. Add a book
6. Delete a book
7. Delete a student account
8. Delete your account
9. List of all books
10. List of all students
11. List of students who have issued a book
0. Log Out
```

;

## 6. Issue a book

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
List of Available books:
+-----+
| Book ID | Book Name      | Author      |
+-----+
| 111111  | Vision         | Vision      |
| 123124  | Harry Potter   | Harry Potter|
| 123456  | Wings of Fire  | Wings of Fire|
+-----+
Enter the ID of the book: 111111
Enter the id of the student: IMT2020039
```

## 7. Add Student

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Student Info Added

Choice from the available options-
1. List of available books
2. Issue a book
3. Add a student
```

## 8. Add Admin

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Enter the name of the manager: Manager_3
Enter the password: 111
```

## 9. Add Book

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Enter the ID of book: 987654
Enter the name of the book: DBMS
Enter the author of the book: RC sir
```

## 10. Delete Book

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Book Deleted!

Choice from the available options-
```

## 11. Delete Student Account

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project
Enter the ID of the student: IMT2020088

All details regarding the account will be deleted. Are you sure? [N/Y]: Y
```

## 12. List Of All Books

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_Project/IMT2020044_JDBC_Project

+-----+-----+-----+-----+-----+
| Book ID | Book Name       | Author   | Student No. | Admin No. |
+-----+-----+-----+-----+-----+
| 000000  | Tom N Jerry     | Tommy   | IMT2020044  | 1         |
| 111111  | Vision          | SRP     | IMT2020039  | 1         |
| 123124  | Harry Potter    | J K R   | null        | null      |
| 123456  | Wings of Fire   | APJ Kalam | null        | null      |
+-----+-----+-----+-----+-----+

Choice from the available options-
1. List of available books
2. Issue a book
3. Add a student
4. Add a library manager
5. Add a book
```

### 13. List Of All Students

```
prem@prem-Lenovo-Legion-5-15IMH05: ~/Sem4/DBMS/DBMS_
```

Roll Number	Name	Book ID
IMT2020039	Anshul Jindal	111111
IMT2020044	Prem Shah	000000
IMT2020045	Mayank Chadha	null
IMT2020064	Shridhar Sharma	null
IMT2020088	Heet	null