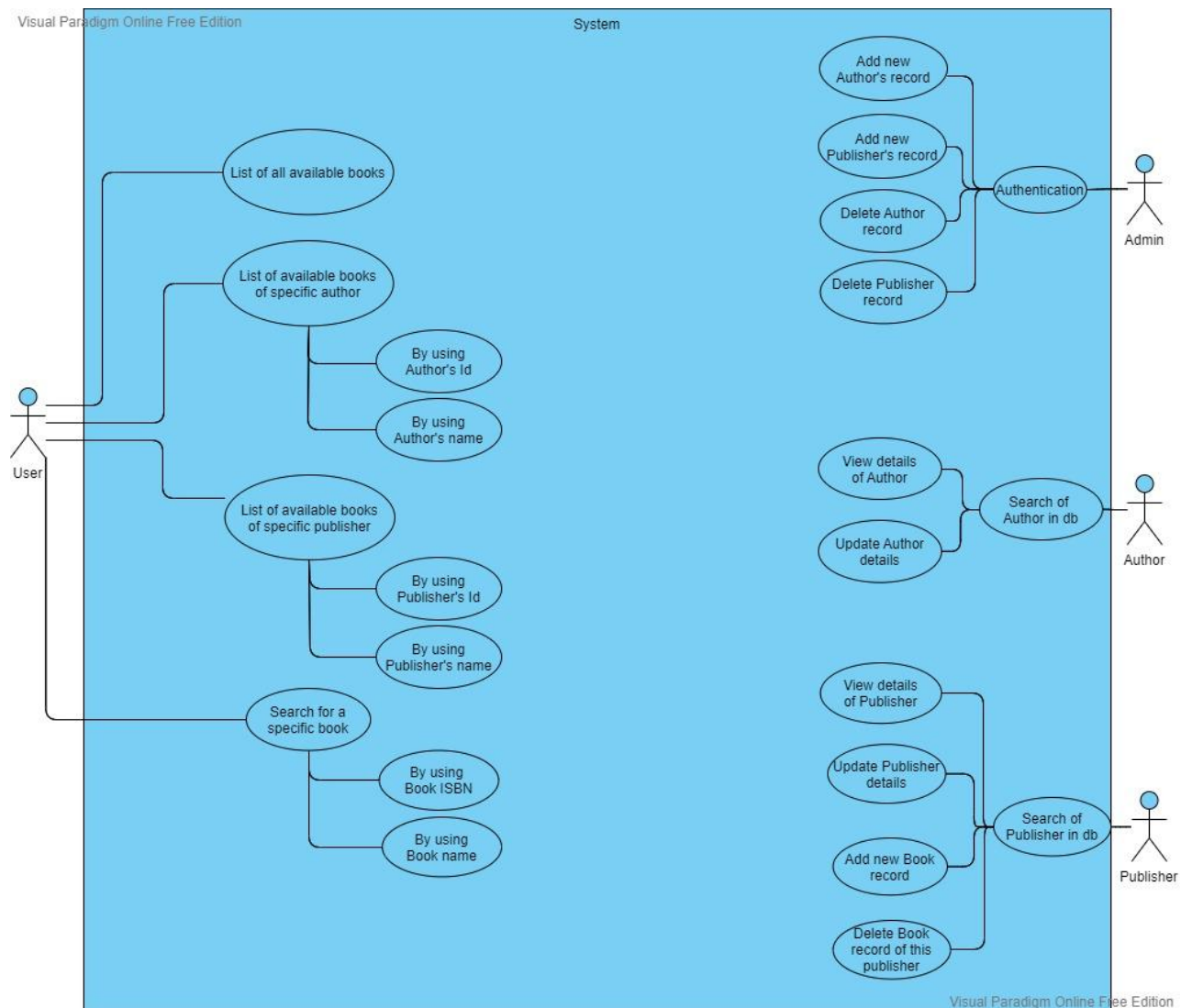


Project Report

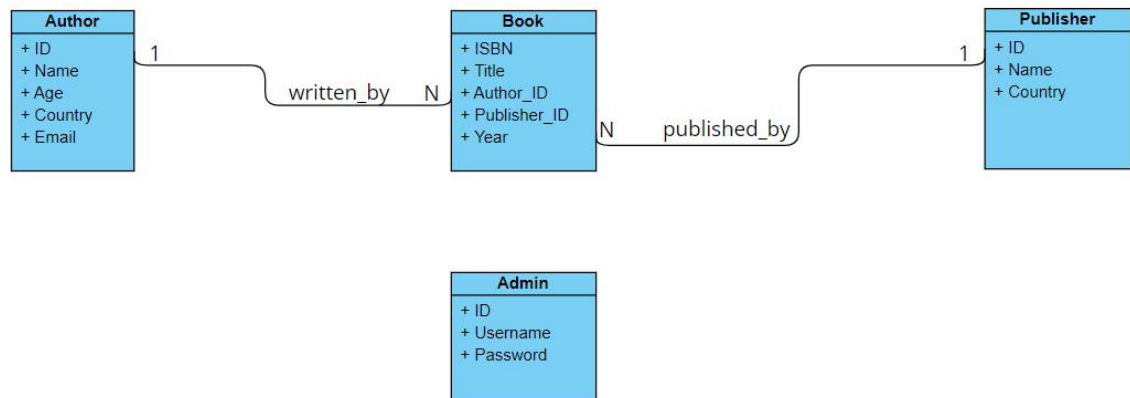
Book Store Management System

- IMT2020021

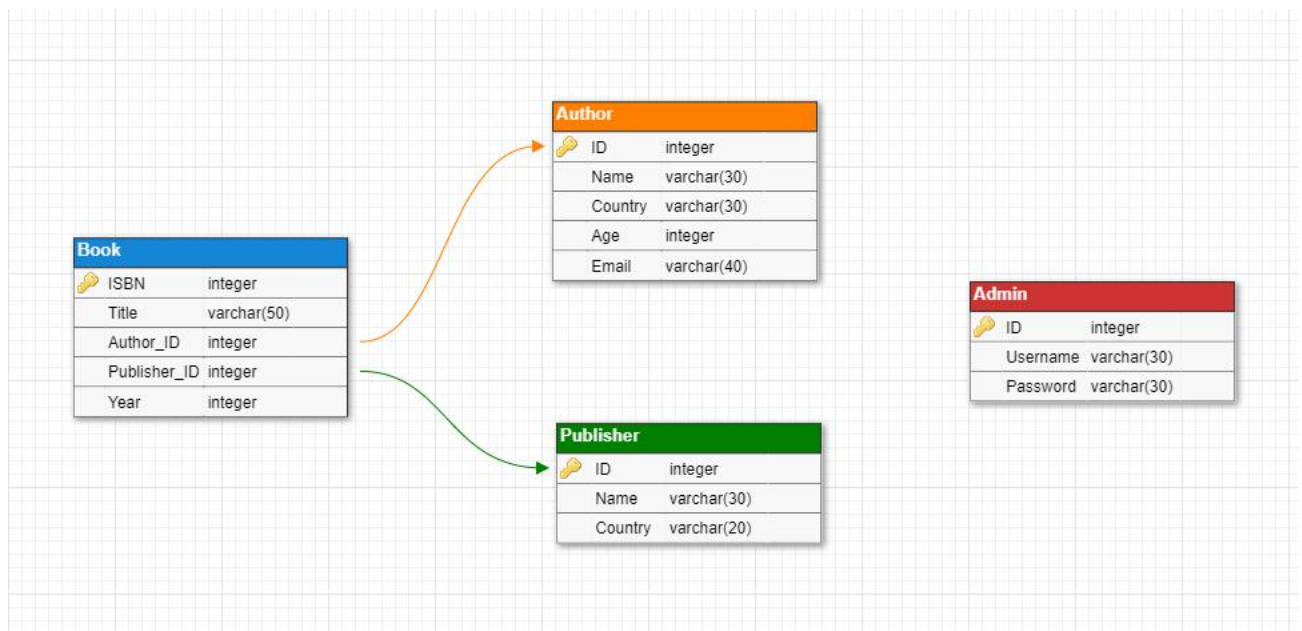
1. Use Case Diagram



2. UML Diagram



3. OR Mapping (DB Design)



4. Output Screenshots

Main menu

```
Connecting to database...

Login as a -
1. User
2. Admin
3. Author
4. Publisher
0. Exit

Enter your choice: █
```

User menu

```
Enter your choice: 1

User menu :
1. List of all available books
2. List of available books of specific author
3. List of available books of specific publisher
4. Search for a specific book
0. Exit

Enter your choice: █
```

```
Enter your choice: 2

List of available books of specific author:
1. By using Author ID
2. By using Author name
0. Exit

Enter your choice: █
```

```
Enter your choice: 3

List of available books of specific publisher:
1. By using Publisher ID
2. By using Publisher name
0. Exit

Enter your choice: █
```

```
Enter your choice: 4

Search for a specific book:
1. By using Book ISBN number
2. By using Book name
0. Exit

Enter your choice: █
```

Authentication for Admin

```
Authetication for admin
Enter the username: Chakri
Enter the password: abcd

Authentication successful
admin id: 1
```

Admin menu

```
Admin menu:
1. Add new Author record
2. Add new Publisher record
3. Delete Author record
4. Delete Publisher record
0. Exit

Enter your choice: █
```

Author's menu

```
Enter the author's id for login into db: 2
Author id: 2, name: Derek Landy

Author menu:
1. View details of Author
2. Update Author details
0. Exit

Enter your choice: █
```

```
Enter your choice: 2

Update Author details:
1. Name
2. Age
3. Email
0. Exit

Enter your choice: █
```

Publisher's menu

```
Enter the publisher's id for login: 2
Publisher id: 2, name: HarperCollins

Publisher menu:
1. View the details of publisher
2. Adding of new Book record
3. Deletion of a Book record of this publisher
4. Updating of publisher details
0. Exit

Enter your choice: █
```

```
Enter your choice: 3

Deletion of a Book record of this publisher:
1. By using Book isbn number
2. By using Book name
0. Exit

Enter your choice: █
```

5. Notes & Instructions to run the code

1. First login to the mysql server
 2. Then create the database in sql :
create database projectdb;
 3. Use the created database in sql:
use projectdb;
 4. Create and alter the tables in the database:
source sql/create_db.sql;
source sql/alter_db.sql;
 5. Populate the tables in the databases:
source sql/insert_db.sql;
-
1. Link the mysql jar file in terminal:
export CLASSPATH='sql/mysql-connector-java-8.0.18.jar:.'
 2. After everything is done if you want to drop the database in MYSQL: **drop database projectdb;**

3. Admin credentials:

Username: Chakri

Password: abcd