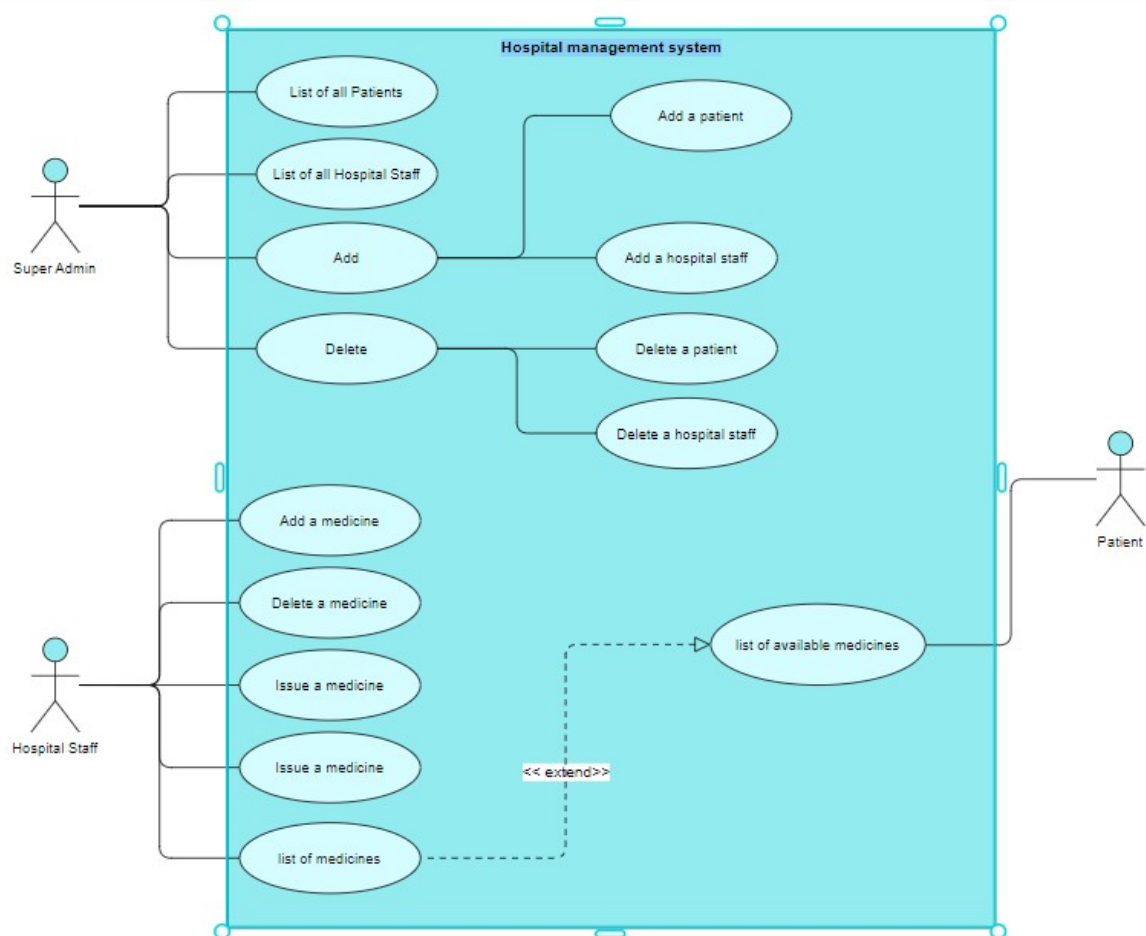


Hospital Management System

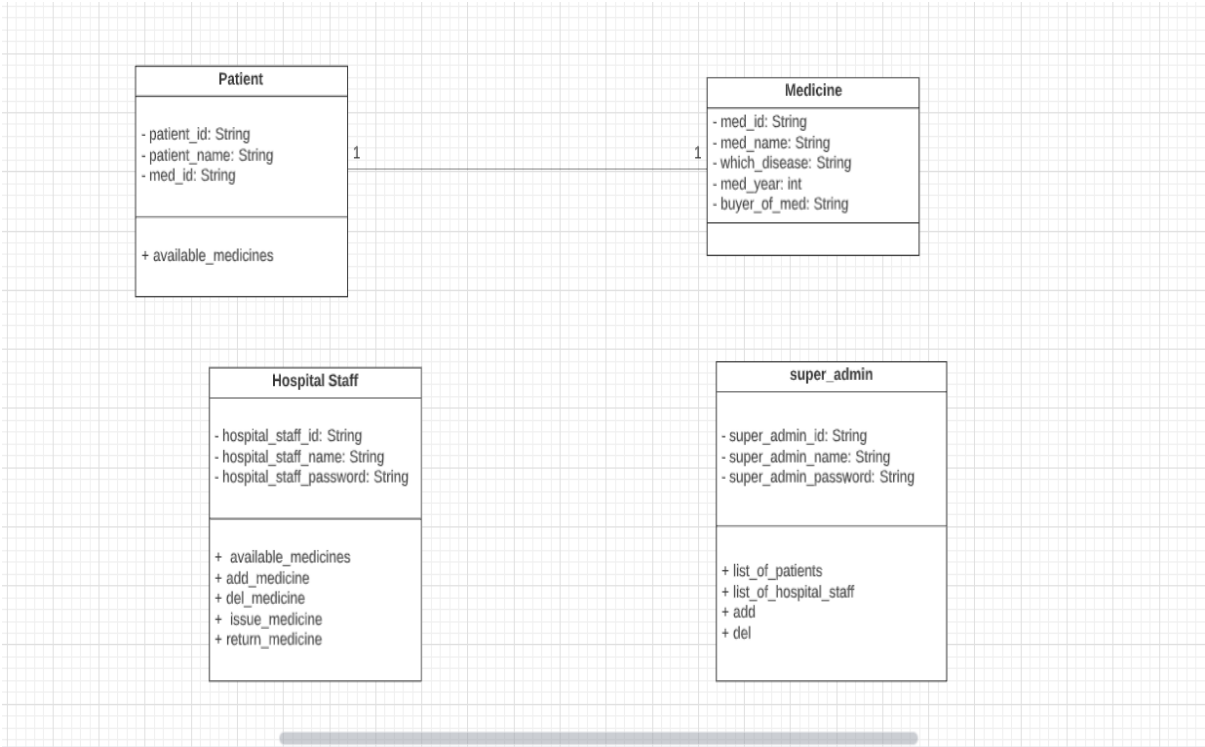
- by Akhil Tavva

(IMT2020124)

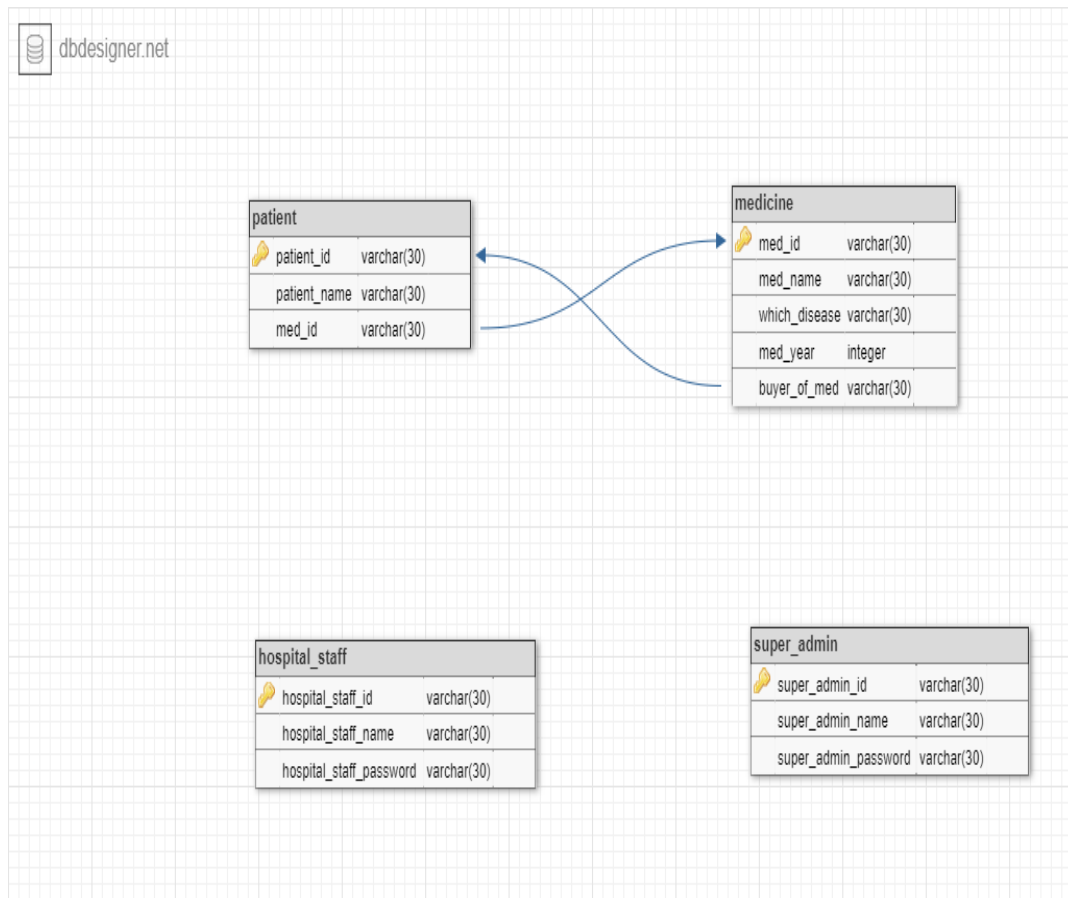
Use Case Diagram



UML Diagram



OR Mapping



Output Screenshots

Main Menu

```
ankit@ankit-VirtualBox: ~/Desktop/semester-4/session10$ java Hospital
Loading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the SPI and
manual loading of the driver class is generally unnecessary.
..... Welcome to Hospital Managment System .....
Login the Hospital as a:
1. Customer
2. Hospital Staff
3. Hospital Admin
0. Exit

Enter your choice : █
```

Customer/patient Menu

```
Enter your choice : 1

Select an appropriate option:
1. List of medicines available
0. Exit

Enter you option: █
```

Hospital Staff menu

```
..... Welcome to Hospital Managment System .....
Login the Hospital as a:
1. Customer
2. Hospital Staff
3. Hospital Admin
0. Exit

Enter your choice : 2
Enter id: staff1
Enter password: staff
Select an appropriate option:
1. List of all medicines
2. List of available medicines
3. Add a medicine
4. Delete a medicine
5. Issue a medicine
6. Return a medicine
0. Exit

Enter your option: █
```

Super Admin Menu

```
..... Welcome to Hospital Managment System .....
Login the Hospital as a:
1. Customer
2. Hospital Staff
3. Hospital Admin
0. Exit

Enter your choice : 3
Enter id: admin1
Enter password: admin
Select an appropriate option:
1. List of all patients
2. List of all hospital staffs
3. Add
4. Delete
0. Exit

Enter your option: █
```

List of all medicines

```
Select an appropriate option:  
1. List of all medicines  
2. List of available medicines  
3. Add a medicine  
4. Delete a medicine  
5. Issue a medicine  
6. Return a medicine  
0. Exit
```

```
Enter your option: 1  
list of all medicines:
```

```
Medicine_ID: med1  
Medicine_name: Paracetamol  
Disease of the patient: fever  
Year of the medicine: 2022  
buyer of meds: null  
Select an appropriate option:
```

List of available medicine

```
Enter your choice : 1  
  
Select an appropriate option:  
1. List of medicines available  
0. Exit  
  
Enter you option: 1  
List of available medicines:  
  
Medicine_ID: med1  
Medicine_name: Paracetamol  
Disease of the patient: fever  
Year of the medicine: 2022
```

Add a medicine

```
Enter your choice : 2
Enter id: staff1
Enter password: staff
Select an appropriate option:
1. List of all medicines
2. List of available medicines
3. Add a medicine
4. Delete a medicine
5. Issue a medicine
6. Return a medicine
0. Exit

Enter your option: 3

Enter medicine id: med2

Enter medicine name: xyz

Enter the disease name: abc

Enter the expiry year of medicine: 2023
Medicine added successfully
Select an appropriate option:
```

Delete a medicine

```
Select an appropriate option:
1. List of all medicines
2. List of available medicines
3. Add a medicine
4. Delete a medicine
5. Issue a medicine
6. Return a medicine
0. Exit

Enter your option: 4

Enter medicine id: med2
Medicine deleted successfully
Select an appropriate option:
```

List of all patients

```
Enter your choice : 3
Enter id: admin1
Enter password: admin
Select an appropriate option:
1. List of all patients
2. List of all hospital staffs
3. Add
4. Delete
0. Exit

Enter your option: 1
List of patients:

Patient id: IMT2020124
Patient name: Akhil
```

List of all hospital staffs

```
Select an appropriate option:
1. List of all patients
2. List of all hospital staffs
3. Add
4. Delete
0. Exit

Enter your option: 2
List of hospital staff:

Staff id: staff1
Staff name: Ramu
```

Instructions to run the code

⇒ First of all, create a user root with a password as admin. The command to do is:

```
CREATE USER 'root'@'localhost' IDENTIFIED BY  
'admin';
```

⇒ After that, we have to use the source in MySQL by writing the path of create, alter and insert SQL files. Command is

```
source sql/Hospital_create.sql  
source sql/Hospital_alter.sql  
source sql/Hospital_insert.sql
```

⇒ After everything is done, if you want to drop the database in MYSQL then use this command:

```
source sql/ Hospital_drop.sql
```

⇒ Now we have to run these on the terminal:-

```
1.export CLASSPATH='/home/akhil/Desktop/Semester-  
4/session10/mysql-connector-java-8.0.18.jar:.'
```

```
2. javac Hospital.java
```

```
3. java Hospital
```

⇒super_admin credentials:

Id: admin1

Password: admin

⇒hospital_staff credentials:

Id: staff1

Password: staff