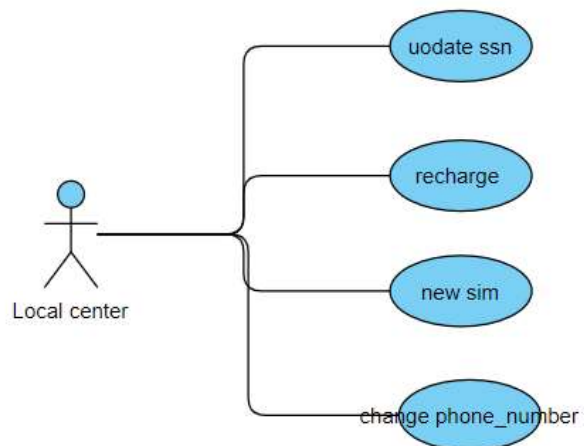
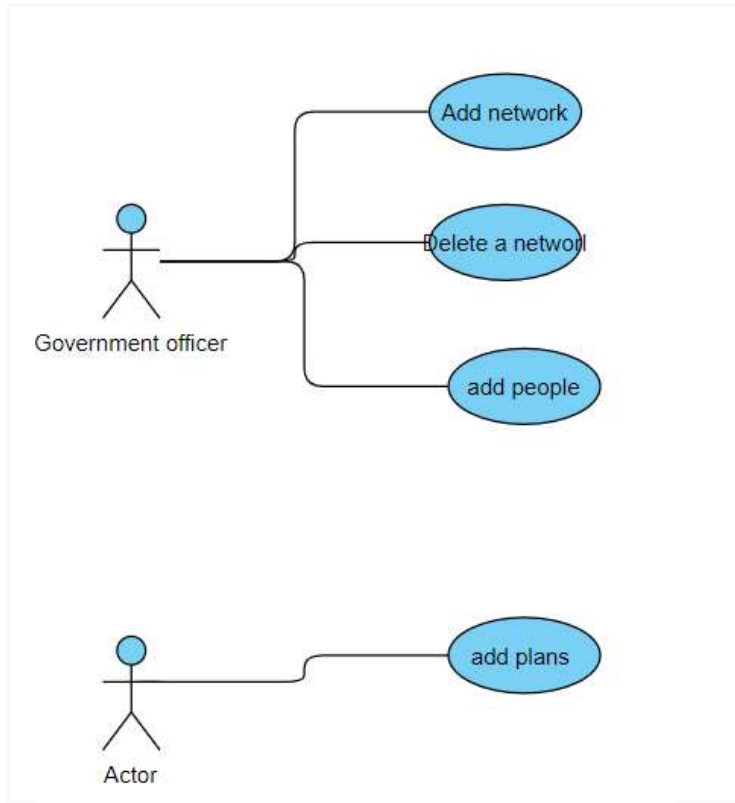


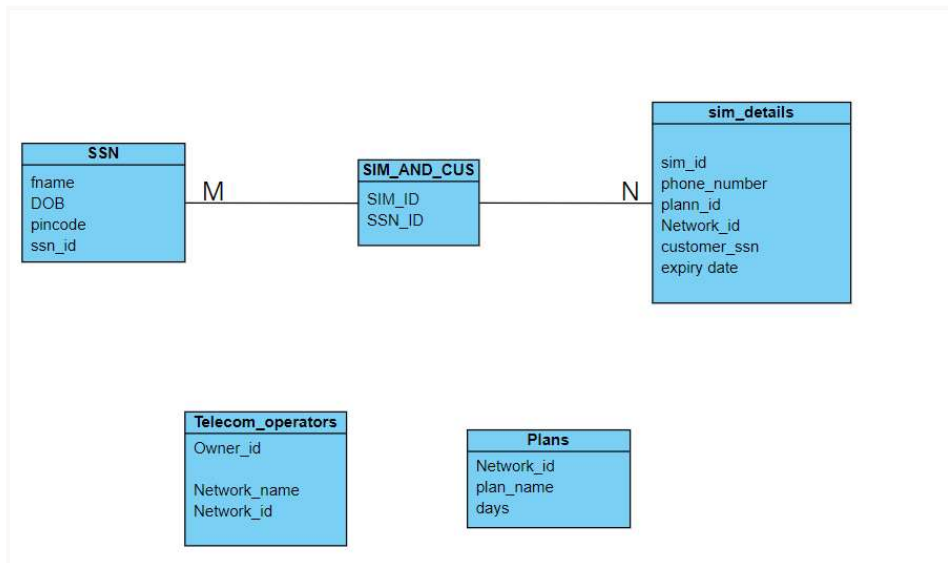
A Telecom Network

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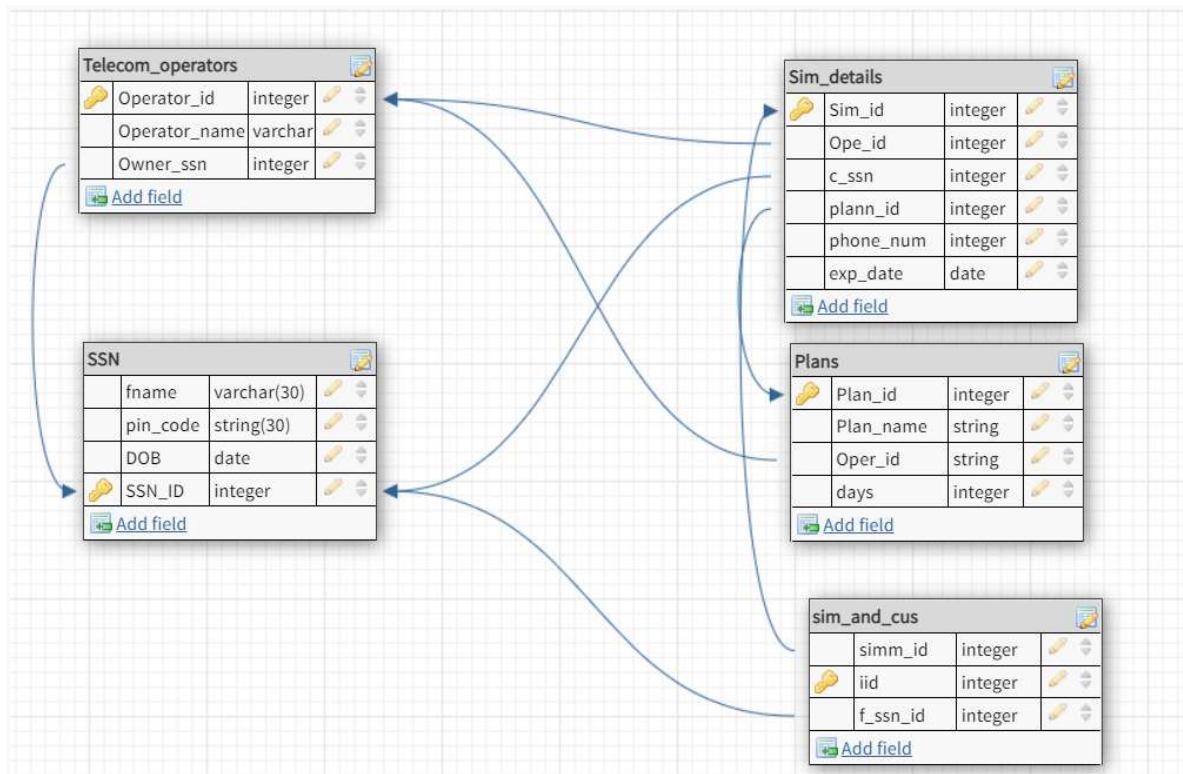
Use Case Diagram



UML Diagram (Class Diagram)



OR Mapping



Output Screenshots

```
Login as:
1: Government Officer
2: Network Operator
3: Local center
0: Exit
█
```

Government Officer

```
Choice:
1. Add people
2. Add Network
3. Delete a Network
0. Logout
```

1. Add people :

Adds a person in data ssn table

2. Add network:

Adds a new network in telecoms_operator table.

Constraints - The owner of the network should be more than 18 years.

3. Delete a Network:

Totally deletes data about a network.

Deletion occurs in this order.. Sim_and_cus -> sim_details -> plans
->telecom_operators.

Network_operator

```
Choice:
1. Add plans to a Network
0. Logout
█
```

1. Add plans to a Network.

He can add plans to the specific network.

Local_center

```
Choice:
1. Recharge
2. New Sim
3. Change Phone_number
4. Update SSN details
0. Exit
█
```

1. Recharge:

Extends the expiry data and the number of days are based on plans and selected by the user.

2. New sim

To get a new_sim, the person should have more than 18 years. He can choose a 4 digit-number as his mobile number which is not taken by others.

3. Change phone_number

Anyone can change his mobile number to a new number.

4. Update ssn_details

A user can update his DOB and he can add his pin_code in ssn_details.

Instructions to run the code

Create.sql – create tables..

Alter.sql – add constraints like foreign key

Data.sql – some basic is inserted to tables.