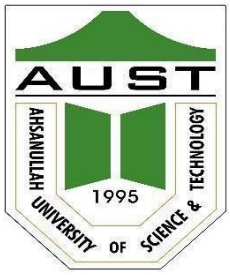

Ahsanullah University of Science & Technology
Department of Computer Science & Engineering

Hospital Service Management

Database Lab(CSE 3104)

Submitted By:
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Samina Mahjabeen : 18.02.04.129

ERD Diagram

Possible Entity –

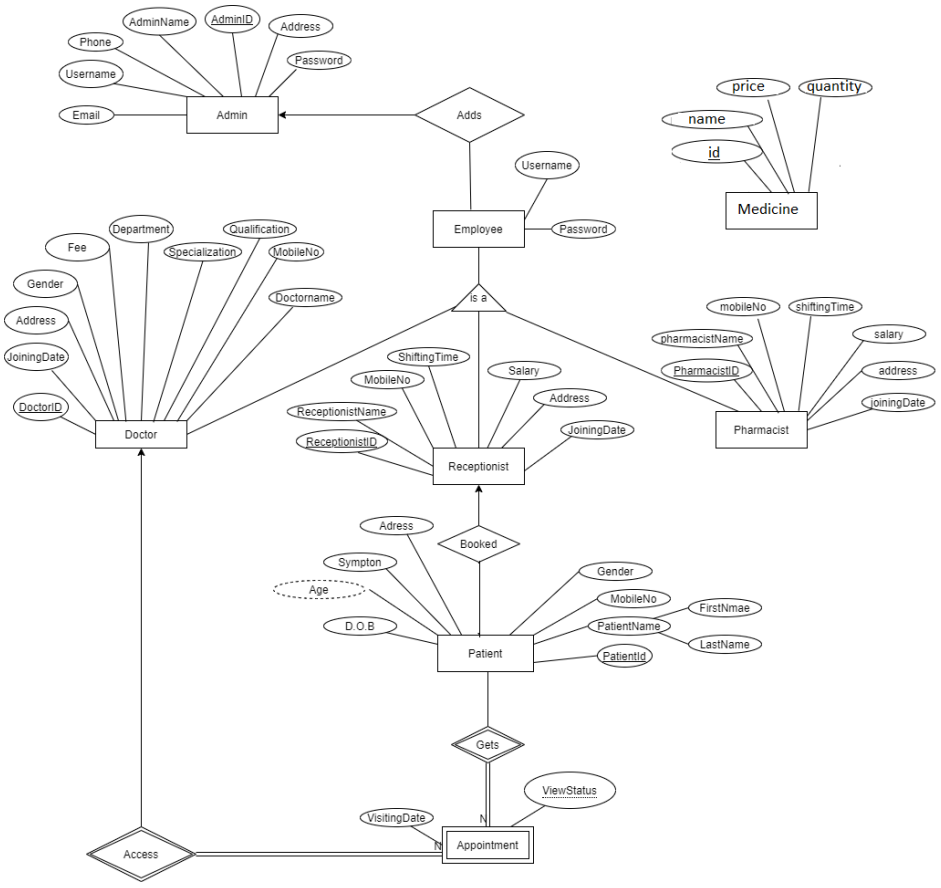
Admin
Doctor
Receiptionist
Pharmacist
Patient
Appointment

Possible Relationship-

Adds
Is a
Booked
Gets
Can access

Attributes –

Admin- adminID(pk) ,email, userName, phone, adminName, , address, password
Doctor- doctorID(pk), doctorName, joiningDate, address, gender, fee, department, specialization, qualification, mobileNo,username, password
Receiptionist- receptionistID(pk), receptionistName, mobileNo, shiftingTime, salary, address, joiningDate, username, password
Pharmacist- pharmacistID(pk), pharmacistName, pharmacistName, mobileNo, shiftingTime, salary, address, joiningDate, username, password
Patient- patientID(pk), firstname, lastname, d.o.b, age, symptom, address gender, mobileNo
Appointment- visitingdate, viewstatus, patientId(fk), doctorId(fk)



Description:

The objective of this project is to manage the system of a hospital. It keeps admin details, doctor details, patient details, pharmacist details, receptionist details, appoinntment details . They're given below:

1. **Admin :** Admin can login in his/her portal. Then he add doctor,pharmacist, receptionist.
2. **Receptionist** : Reception can login in his portal .He can update his profile. He can add patient and make appointionment for the patient. He can also suggest the suitable doctor based on the symptoms of disease for the patient.

3. **Doctor:** Doctor can login in his profile .He can update in his profile . He can also see all his patients and their records. Doctor gives a printed prescription of his all patients.

4. **Pharmacist :** Pharmacist can update his profile. He can provide medicine of patients.

5. **Medicine :** In medicine table it searches of all medicines

In this projects we use many different query such as- update,delete, add, select, join, aggregated function,subquery, set operation, different kinds of attributed(derived), different kind of entity.

IDE:

1. Netbeans 12.3

2. Microsoft SQL Server Management Studio 2020

Languages:

1. Java

2. SQL