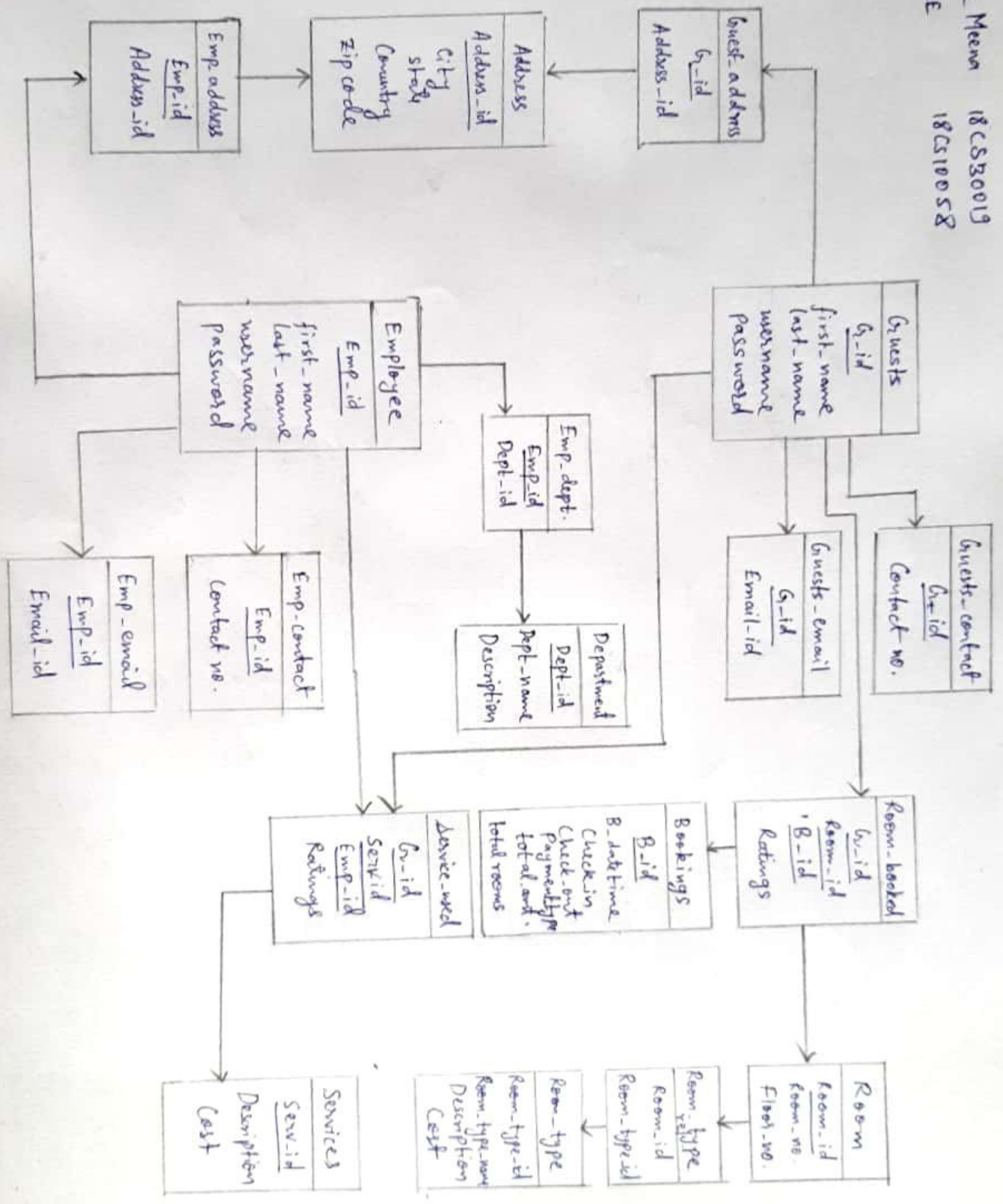


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Tables

1) Guests :

Gr-id Int ,
first-name VARCHAR(255) not null ,
last-name VARCHAR(255)
username VARCHAR(255) not null ,
password VARCHAR(255) not null ,
primary key (Gr-id) .

2) Employee :

Emp-id Int ,
first-name VARCHAR(255) not null ,
last-name VARCHAR(255) ,
username VARCHAR(255) , not null ,
password VARCHAR(255) not null ,
primary key (Emp-id) .

3) Emp. contact :

Emp-id Int ,
Contact no. VARCHAR(12) ,
foreign key (Emp-id) references Employee ,
primary key (Emp-id)

4) Emp-email :

Emp-id Int ,
Email-id VARCHAR(45) ,
foreign key (Emp-id) references Employee ,
primary key (Emp-id)

5) Department :

Dept-id Int ,
Dept name VARCHAR(255) , not null ,
Description VARCHAR(255) ,
primary key (Dept-id) .

6) Emp_dept :

Emp-id Int,
 Dept-id Int,
 Primary key (Emp-id, Dept-id),
 foreign key (Emp-id) references Employee,
 foreign key (Dept-id) references Department.

7) Address:

Address-id Int,
 City varchar(45),
 State varchar(45),
 Country varchar(45) not null,
 Zip code varchar(6),
 Primary key (Address-id).

8) Guest_address:

G-id Int,
 Address-id Int,
 primary key (G-id, address-id),
 foreign key (G-id) references Guests,
 foreign key (address-id) references address.

9) Emp_address:

Emp-id Int,
 Address-id Int,
 Primary key (Emp-id, address-id),
 foreign key (Emp-id) references Employee,
 foreign key (address-id) references Address.

Room

Room-id INT NOT NULL
 Room-no INT NOT NULL
 Floor-no INT NOT NULL

Room-type-rel

Room-id INT NOT NULL
 Room-type-id INT NOT NULL

Room-type

Room-type-id INT NOT NULL
 Room-type-name VARCHAR(45) NOT NULL
 DESCRIPTION VARCHAR(100)
 Cost DECIMAL(10,2) NOT NULL

Service

serv-id INT NOT NULL
 description VARCHAR(100) NOT NULL
 Cost DECIMAL(10,2) NOT NULL

Room-booked

A-id INT NOT NULL
 Room-id INT NOT NULL
 B-id INT NOT NULL
 Ratings INT CHECK (RATINGS >= 1 && RATINGS <= 5)

Bookings

B-id INT NOT NULL
 B.datetime DATETIME NOT NULL
 Check-in DATETIME NOT NULL
 Check-out DATETIME NOT NULL CHECK (check-out > check-in)
 Payment-type VARCHAR(45) NOT NULL
 Total amt. ~~INT~~ DECIMAL(10,2) NOT NULL
 Total rooms INT NOT NULL

Services-used

G-id INT NOT NULL

PW-id INT NOT NULL

Emp-id INT NOT NULL

Ratings INT CHECK (Ratings \geq 1 & Ratings \leq 5)Guests-Contact

G-id INT NOT NULL

Contact No. CHECK (VARCHAR(12) NOT NULL)

Guests-email

G-id INT NOT NULL

Email-id VARCHAR(45) NOT NULL