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Batch B1

## Assignment 1

**Aim:** Design any database with at least 3 entities and relationships between them. Apply DCL and DDL commands. Draw suitable ER/EER diagram for the system.

### DCL Commands:

#### Create User:

```
mysql>
mysql> create user 'Niraj'@'localhost' identified by 'Niraj@2003';
Query OK, 0 rows affected (0.04 sec)

mysql> select user from mysql.user;
+-----+
| user          |
+-----+
| Niraj         |
| mysql.infoschema |
| mysql.session |
| mysql.sys     |
| root          |
+-----+
5 rows in set (0.00 sec)

mysql> _
```

#### Grant:

```
mysql>
mysql>
mysql> grant select,insert on guest to neeraj;
Query OK, 0 rows affected (0.01 sec)

mysql> _
```

#### Revoke:

```
mysql> revoke select on guest from neeraj;
Query OK, 0 rows affected (0.00 sec)

mysql>
```

# DDL Commands:

## Select:

```
mysql>
mysql> select * from guest;
+-----+-----+-----+-----+
| GuestNo | PersonId | Name | hometown |
+-----+-----+-----+-----+
| 1 | 232476214140 | Chirag Sharma | Jalgaon |
| 2 | 989565653237 | Aditya Raje | Kondhwa |
| 3 | 986561326458 | Rajesh Singh | Kanpur |
| 4 | 976532664129 | Kunal Pradhan | Raipur |
| 5 | 754996412369 | Sanket Kadam | Nashik |
| 6 | 956632264526 | Om Shah | Mumbai |
| 7 | 756595952627 | Ram Varma | Katraj |
| 8 | 232656233235 | Tipendra Sharma | Thane |
| 9 | 989565632331 | Rahul Gada | Kacch |
| 10 | 989562326561 | Sonu Bhide | Chiplun |
| 11 | 989657456231 | Rahul Borude | Katraj |
| 12 | 986522645121 | Amit Shah | Bhosri |
+-----+-----+-----+-----+
12 rows in set (0.03 sec)
```

## Create Table

```
mysql> use hotelchirag;
Database changed
mysql> CREATE TABLE `guest` ( `idGuest` int NOT NULL, `Name` varchar(45) NOT NULL, `FromCity` varchar(45) DEFAULT NULL, PRIMARY KEY (`idGuest`));
```

## Alter:

```
mysql> alter table depts rename to roles;
Query OK, 0 rows affected (0.04 sec)

mysql> _
```

## Truncate:

```
mysql> select * from verifies;
+-----+-----+
| staffId | payId |
+-----+-----+
| S3001 | P001 |
| S3001 | P002 |
+-----+-----+
2 rows in set (0.01 sec)

mysql> truncate table verifies;
Query OK, 0 rows affected (0.07 sec)

mysql> select * from verifies;
Empty set (0.00 sec)

mysql>
```

## Drop:

```
Empty set (0.00 sec)

mysql> drop table verifies;
Query OK, 0 rows affected (0.02 sec)

mysql> show tables;
+-----+
| Tables_in_hotelmanagement |
+-----+
| guest                      |
| payment                    |
| roles                      |
| staff                      |
+-----+
4 rows in set (0.00 sec)

mysql>
```

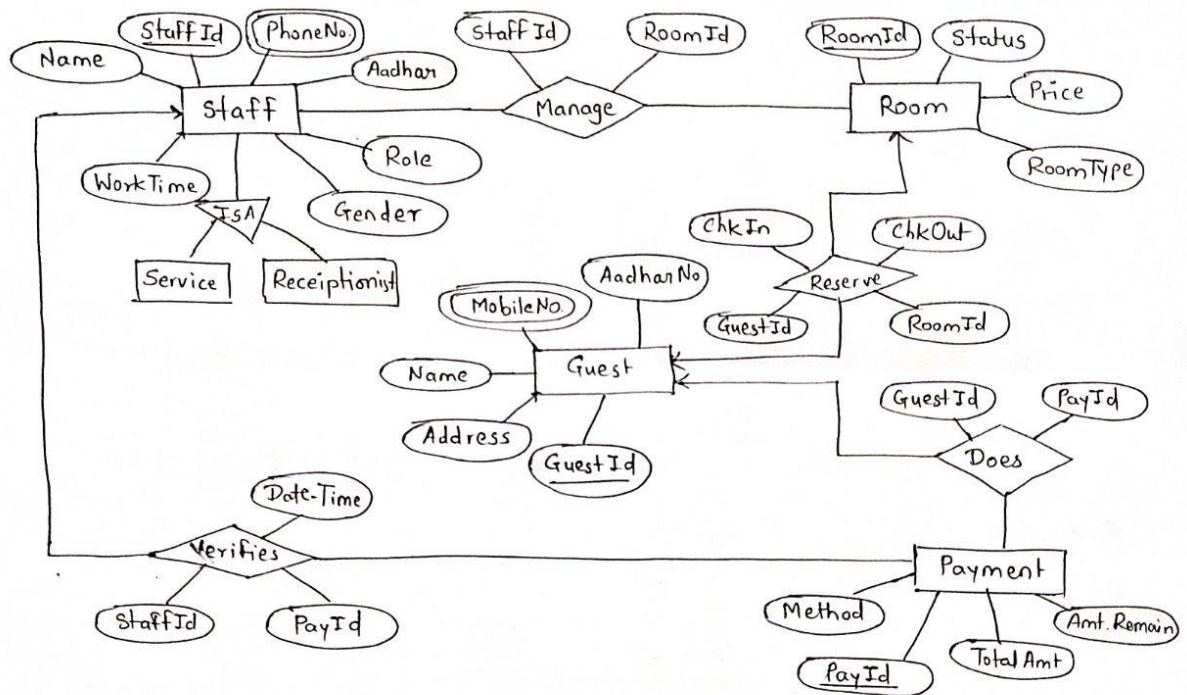
## Comment:

```
mysql>
mysql> -- comment show tables
mysql> show tables;
+-----+
| Tables_in_hotelmanagement |
+-----+
| guest                      |
| payment                    |
| roles                      |
| staff                      |
+-----+
4 rows in set (0.00 sec)

mysql> z_
```

## : EER Diagram :

- : Hotel Managemet System : -



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