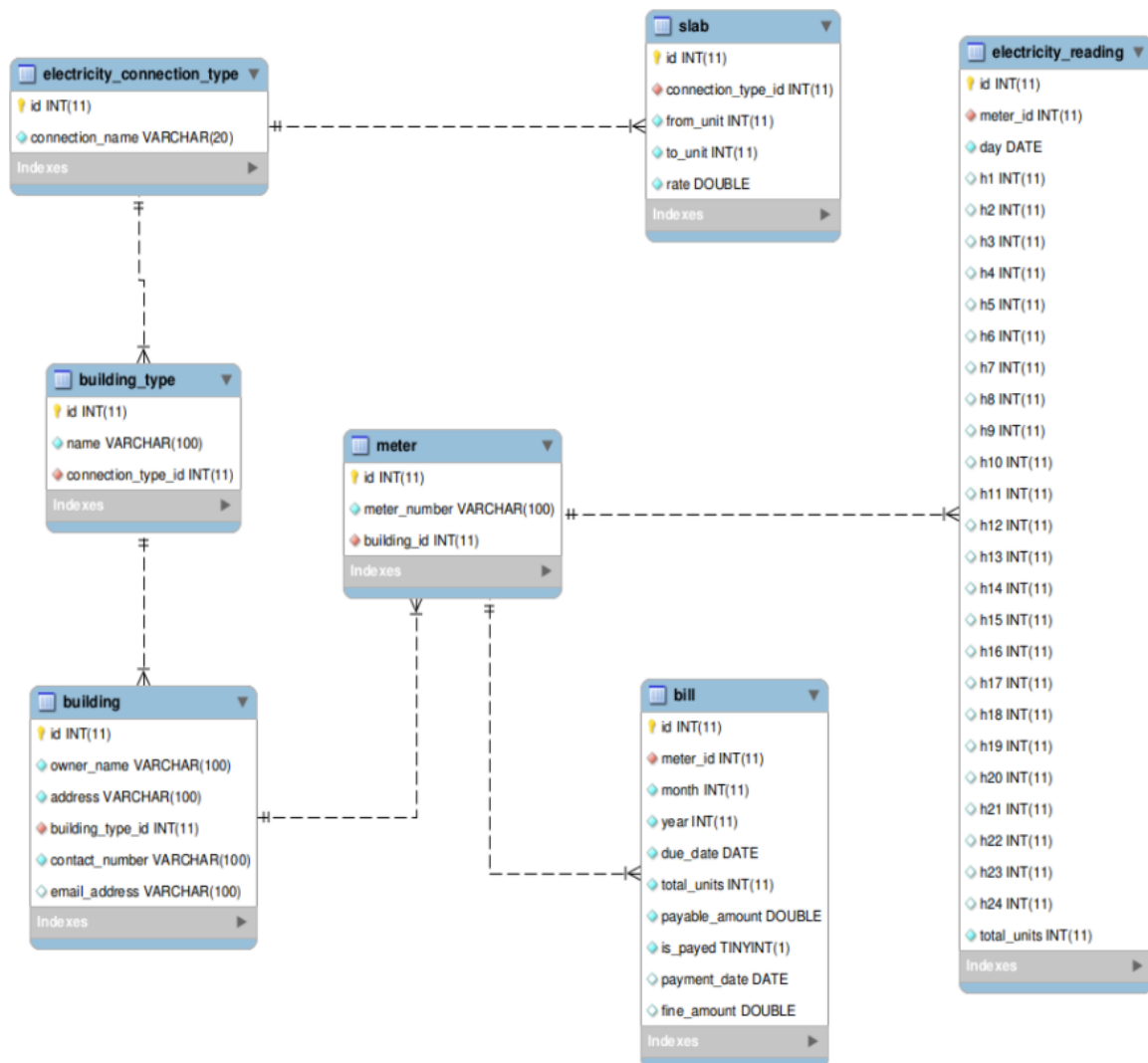


- 🔴 is a Red colored Key so it's a Primary Key which is also a Foreign Key
- 🟡 is a Yellow (non Red) Key so it's only a Primary Key
- 💠 is a blue lined filled diamond so it's a NOT NULL simple attribute
- 🔴💠 is a red colored filled diamond so it's a NOT NULL Foreign Key
- 💠 is a blue lined not filled diamond so it's a simple attribute which can be NULL
- 🔴💠 is a red colored not filled diamond so it's a Foreign Key which can be NULL



Write a query to create a table **'building'**.

```

CREATE TABLE building(
  Id INT PRIMARY KEY,
  owner_name VARCHAR(100) NOT NULL,
  address VARCHAR(100) NOT NULL,
  building_type_id INT NOT NULL,
  contact_number VARCHAR(100) NOT NULL,

```

```
email_address VARCHAR(100) NULL,
```

```
);
```

Write a query to alter the column '**owner\_name**' to '**building\_owner\_name**' in the table '**building**'.

```
sp_rename 'building.owner_name','building_owner_name'
```

Write a query to change the datatype of the column **address** in the table '**building**' to varchar(255).

```
ALTER TABLE building
```

```
ALTER COLUMN address varchar(255)
```

Write a query to rename table '**building**' to '**building\_details**'.

```
sp_rename 'building','building_details'
```

Write a query to drop table '**building\_details**'.

```
DROP TABLE building_details
```

Write a query to insert any 2 records into the '**building**' table.

```
INSERT INTO building VALUES(10,'Harish','Mumbai',5,'9956748356','harish@gmail.com');
```

```
INSERT INTO building VALUES(11,'Manoj','Pune',5,'9123457896','manoj@gmail.com');
```

Write a query to change the owner\_name '**Haidil**' to '**Aiden**' in the '**building**' table.

```
UPDATE building SET owner_name = 'Aiden'
```

```
WHERE owner_name = 'Haidil'
```

Write a query to delete the details of building whose owner\_name is '**Muhammad Hafaz**'.

```
DELETE FROM building WHERE owner_name = 'Muhammad Hafaz'
```

Write a query to change the name '**Shopping Mall**' to '**Mall**' in the building\_type table.

```
UPDATE building_type set name = 'Mall'
```

```
WHERE name = 'Shopping Mall'
```

Write a query to delete the rows from the table '**building\_type**' where the electricity connection is home .

```
DELETE FROM building_type
```

```
WHERE connection_type_id=1;
```