# **DBMS MINI PROJECT - CREATING TABLES**

1. CREATING THE REQUIRED DATABASE

```
MySQL localhost:33060+ ssl temp SQL > CREATE DATABASE BAKERY;
Query OK, 1 row affected (0.0046 sec)

MySQL localhost:33060+ ssl temp SQL > USE BAKERY;
Default schema set to `BAKERY`.

Fetching table and column names from `bakery` for auto-completion... Press ^C to stop.
```

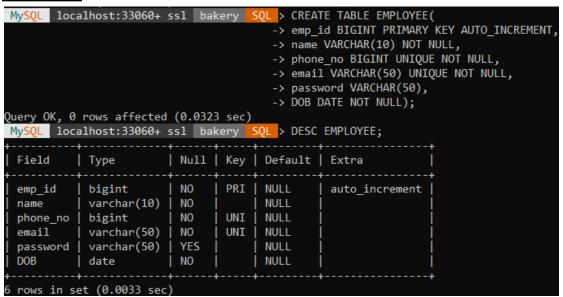
#### 2. CREATING THE REQUIRED RELATIONS

→ CUSTOMER

```
MySQL localhost:33060+ ssl bakery
                                  SQL > CREATE TABLE CUSTOMERS(
                                      -> cust_id BIGINT PRIMARY KEY AUTO INCREMENT,
                                      -> name VARCHAR(10) NOT NULL,
                                      -> email VARCHAR(10) UNIQUE NOT NULL,
                                      -> phone no BIGINT UNIQUE NOT NULL,
                                      -> password VARCHAR(50));
Query OK, 0 rows affected (0.0446 sec)
MySQL localhost:33060+ ssl bakery SQL > DESC CUSTOMERS;
 Field | Type | Null | Key | Default | Extra
 cust_id | bigint | NO | PRI | NULL
                                            auto_increment
          | varchar(10) | NO |
 name
                                    NULL
          | varchar(10) | NO | UNI
 email
                                    NULL
                       NO UNI
 phone no | bigint
                                    NULL
 password | varchar(50) | YES |
                                    NULL
 rows in set (0.0033 sec)
```

This table will be populated as users sign up on the website

### → EMPLOYEE



# VALUES INSERTED INTO TABLE

```
localhost:33060+ ssl bakery
                                         > SELECT * FROM EMPLOYEE;
                                                                  DOB
emp_id |
         name
                      phone_no
                                    email
                                                       password
                                    ria@gmail.com
                                                       12345
                                                                  1997-03-02
  1000
         Ria Rajesh
                       6284647597
  1001
         Sharath B
                       9279562946
                                    shab@gmail.com
                                                      12345
                                                                  1999-04-08
                                    vravi@gmail.com
  1002
         Vinay Ravi
                      9284629820
                                                      12345
                                                                  1991-12-18
rows in set (0.0012 sec)
```

#### → PRODUCTS

```
MySQL localhost:33060+ ssl bakery
                                     SQL > CREATE TABLE PRODUCTS(
                                         -> p_id BIGINT PRIMARY KEY AUTO_INCREMENT,
                                         -> type VARCHAR(10) NOT NULL,
                                         -> flavor VARCHAR(15) NOT NULL,
                                         -> price DECIMAL(7,3) NOT NULL,
                                         -> status VARCHAR(10));
Query OK, 0 rows affected (0.0241 sec)
MySQL localhost:33060+ ssl bakery
                                     SOL > DESC PRODUCTS;
 Field
         Type
                         Null | Key | Default | Extra
                                                 auto_increment
 p_id
          bigint
                         NO
                                PRI |
                                      NULL
 type
          varchar(10)
                         NO
                                       NULL
  flavor
          varchar(15)
                         NO
                                      NULL
          decimal(7,3)
  price
                         NO
                                      NULL
          varchar(10)
                         YES
                                      NULL
  rows in set (0.0110 sec
```

### INSERTING VALUES INTO THE TABLE

```
MySQL localhost:33060+ ssl bakery
                                        > SELECT * FROM PRODUCTS;
p id | type
                   flavor
                               price
                                         status
                   Chocolate
                                89.456
                                         Available
3000 | Cake
3001
       Cupake
                   Vanilla
                                50.478
                                         Available
                               200.735
       Croissant
                   Almond
                                         No Stock
rows in set (0.0012 sec)
```

# → ORDER LIST

```
MySQL localhost:33060+ ssl bakery SQL > CREATE TABLE ORDER_LIST(
-> o_id BIGINT PRIMARY KEY AUTO_INCREMENT,
-> cid BIGINT NOT NULL,
-> no_of_items BIGINT NOT NULL,
-> eid BIGINT,
-> net_total DECIMAL(8,4) NOT NULL,
-> DOO DATE NOT NULL);
Query OK, 0 rows affected (0.0413 sec)
```

# Adding foreign key constraint to 'CID' and 'EID'

MySQL localhost:33060+ ssl		bakery	y SQL > DESC ORDER_LIST;		
Field	Type	Null	Key	Default	Extra
o_id   cid   no_of_items   eid   net_total   DOO	bigint   bigint   bigint   bigint   decimal(8,4)   date	NO	PRI   MUL   	NULL   NULL   NULL   NULL   NULL	auto_increment           
6 rows in set (0.0046 sec)					

# → ORDER DESP

```
MySQL localhost:33060+ ssl bakery SQL > CREATE TABLE ORDER_DESP(
                                                         -> oid BIGINT,
                                                         -> pid BIGINT,
                                                         -> price_per_qty DECIMAL(7,3),
                                                         -> total amt DECIMAL(8,4));
Query OK, 0 rows affected (0.0328 sec)
MySQL localhost:33060+ ssl bakery SQL > ALTER TABLE ORDER_DESP ADD CONSTRAINT fk_order FOREIGN KEY (oid) REFERENCES ORDER_LIST(o_id); Query OK, 0 rows affected (0.0747 sec)
Records: 0 Duplicates: 0 Warnings: 0

MySQL localhost:33060+ ssl bakery SQL > ALTER TABLE ORDER_DESP ADD CONSTRAINT fk_prod FOREIGN KEY (pid) REFERENCES PRODUCTS(p_id);
Query OK, 0 rows affected (0.0680 sec)
          localhost:33060+ ssl bakery
                                                   SOL > DESC ORDER DESP;
                                            Null | Key | Default
  Field
                        Type
                                            YES
                                                      MUL
                                                              NULL
  oid
                        bigint
                      bigint
                                          YES
  pid
                                                      MUL | NULL
  price_per_qty | decimal(7,3) | YES
                                                              NULL
  total amt
                      decimal(8,4) | YES
                                                              NULL
  rows in set (0.0049 sec)
```

<u>This above two tables will be populated as users choose products on the website</u>