

Taco Cart – Table Creation

1. Creation of table customer

```
CREATE TABLE customer (  
    customer_id int NOT NULL,  
    first varchar(255),  
    last varchar(255),  
    gender varchar(255),  
    age int,  
    phone varchar(255),  
);
```

2. Creation of table employee

```
CREATE TABLE employee (  
    employee_id int NOT NULL,  
    first varchar(255),  
    last varchar(255),  
    gender varchar(255),  
    age int,  
    email varchar(255),  
    phone varchar(255),  
    salary DECIMAL,  
    PRIMARY KEY (employee_id)  
);
```

3. Creation of table payment

```
CREATE TYPE method AS ENUM ('cash', 'check', 'card');
```

```
CREATE TABLE payment (  
    payment_id int NOT NULL,  
    method method,  
    total_price DECIMAL,  
    PRIMARY KEY (payment_id)  
);
```

4. Creation of table taco_order

```
CREATE TABLE taco_order(  
    order_id int,  
    order_date DATE,  
    customer_id int,
```

```
    employee_id int,  
    payment_id int,  
    PRIMARY KEY (order_id),  
    FOREIGN KEY (customer_id) REFERENCES customer(customer_id),  
    FOREIGN KEY (employee_id) REFERENCES employee(employee_id),  
    FOREIGN KEY (payment_id) REFERENCES payment(payment_id)  
);
```

5. Creation and of table ingredient

```
CREATE TABLE ingredient (  
    ingredient_id int NOT NULL,  
    name varchar(255),  
    price DECIMAL,  
    purchase_date DATE,  
    expiry_date DATE,  
    bought_by int,  
    PRIMARY KEY (ingredient_id),  
    FOREIGN KEY (bought_by) REFERENCES employee(employee_id)  
);
```

6. Creation of table non_taco

```
CREATE TABLE non_taco (  
    nontaco_id int NOT NULL,  
    name varchar(255),  
    price DECIMAL,  
    purchase_date DATE,  
    expiry_date DATE,  
    bought_by int,  
    PRIMARY KEY (nontaco_id),  
    FOREIGN KEY (bought_by) REFERENCES employee(employee_id)  
);
```

7. Creation of table taco

```
CREATE TABLE taco (  
    taco_id int NOT NULL,  
    name varchar(255),  
    price DECIMAL,  
    PRIMARY KEY (taco_id));
```

8. Creation of taco_ingredient

```
CREATE TABLE taco_ingredient (  
    taco_id int,  
    ingredient_id int,  
    FOREIGN KEY (taco_id) REFERENCES taco(taco_id),  
    FOREIGN KEY (ingredient_id) REFERENCES ingredient(ingredient_id)  
);
```

9. Creation of table order_taco_map

```
CREATE TABLE order_taco_map (  
    order_id int,  
    taco_id int,  
    quantity int,  
    FOREIGN KEY (order_id) REFERENCES taco_order(order_id),  
    FOREIGN KEY (taco_id) REFERENCES taco(taco_id)  
);
```

10. Creation of table order_nontaco_map

```
CREATE TABLE order_nontaco (  
    order_id int,  
    nontaco_id int,  
    quantity int,  
    PRIMARY KEY (ingredient_id),  
    FOREIGN KEY (order_id) REFERENCES order(order_id),  
    FOREIGN KEY (nontaco_id) REFERENCES nontaco(nontaco_id)  
);
```