

### **CUSTOMER\*\*\***

cust\_id pk

address\_id fk

bonus\_id FK

phone\_no Not Null, unique

first\_name Not Null

last\_name Not Null

email unique

birth\_date

password Not Null

**Foreign Key address\_id references ADDRESS(address\_id)**

**Foreign Key bonus\_id references BONUS(bonus\_id)**

### **ADDRESS\*\*\***

address\_id PK

street\_id FK

district\_id FK

address\_desc Not NULL

**Foreign Key street\_id references STREET(street\_id)**

**Foreign Key district\_id references DISTRICT(district\_id)**

### **STREET\*\*\***

street\_id PK

Name Not Null

### **DISTRICTS\*\*\***

district\_id PK

Name Not Null

### **RESTAURANT\*\*\***

rest\_id PK

address\_id FK

review\_id FK

meal\_id FK

restaurant\_name NOT NULL

categories NOT NULL

min\_order\_price NOT NULL

**Foreign Key address\_id references ADDRESS(address\_id)**

**Foreign Key review\_id references REVIEW(review\_id)**

**Foreign Key meal\_id references MEAL(meal\_id)**

### **Review\*\*\***

review\_id PK

speed

taste

price\_for\_value NOT NULL,CHECK >0

average (Calculated)

comments

### **BONUS\*\*\***

bonus\_id PK

bonus\_sDate NOT NULL

bonus\_eDate (calculated) it will expire after 10 when user get a bonus coupon.

current\_bonus NOT NULL

bonus\_desc NOT NULL

### **MEAL\*\*\***

mealId PK

restaurant\_id FK

image\_id FK

extras\_id FK

meal\_name NOT NULL

meal\_description NOT NULL

price Check >0

**Foreign Key restaurant\_id references RESTAURANT(restaurant\_id)**

**Foreign Key image\_id references IMAGE(image\_id)**

**Foreign Key extras\_id references EXTRAS(extras\_id)**

### **EXTRAS\*\*\***

ExtrasId PK

Ingredients

Sauces

ToRemove

Others

### **IMAGES\*\*\***

ImageId PK

ImageUrl NOT NULL (each meal/food must have a image).

### **ORDER\*\*\***

orderId PK

meal\_id FK

cust\_id FK

extras\_id FK

image\_id FK

courier\_id FK

orderStatus NOT NULL

orderDate NOT NULL

orderDeliveryDate NOT NULL

**Foreign Key meal\_id references MEAL(meal\_id)**

**Foreign Key customer\_id references CUSTOMER(customer\_id)**

**Foreign Key extras\_id references EXTRAS(extras\_id)**

**Foreign Key courier\_id references COURIER(courier\_id)**

**Foreign Key image\_id references IMAGE(image\_id)**

### **ADD TO CART**

meal\_id FK

order\_id FK

delivery\_cost NOT NULL

payment\_type NOT NULL

total\_cost (calculated)

quantity NOT NULL

**Foreign Key order\_id references ORDER(order\_id)**

**Foreign Key meal\_id references MEAL(meal\_id)**

### **Courier**

courierId PK

first\_name NOT NULL

last\_name NOT NULL

phone\_number NOT NULL

hire\_date NOT NULL

// The relation between address and customer must be many to many because when we consider that a customer may have more than one address and in that address there may be other family members who's using that application with their own account.

