

```
CREATE DATABASE food_delivery_app;
```

```
CREATE TABLE `user` (  
  `user_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `user_name` VARCHAR(255) NOT NULL,  
  `password` VARCHAR(255) NOT NULL,  
  `email` VARCHAR(255) NOT NULL UNIQUE,  
  `address` TEXT,  
  `role` ENUM('Customer' , 'Restaurant Agent' , 'Delivery Agent' , 'System Agent'),  
  `created_date` DATETIME DEFAULT CURRENT_TIMESTAMP,  
  `last_login_date` DATETIME  
);
```

```
CREATE TABLE `restaurant` (  
  `restaurant_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `restaurant_name` VARCHAR(255),  
  `cuisine_type` VARCHAR(255),  
  `delivery_time` DATETIME DEFAULT CURRENT_TIMESTAMP,  
  `address` TEXT,  
  `admin_user_id` INT,  
  `rating` DECIMAL (5,2),  
  `is_active` BOOLEAN DEFAULT TRUE,  
  `img_path` VARCHAR(255),  
  FOREIGN KEY (`admin_user_id`) REFERENCES `user`(`user_id`)  
);
```

```
CREATE TABLE `menu` (  
  `menu_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `restaurant_id` INT,  
  `item_name` VARCHAR(255),  
  `description` TEXT,  
  `price` DECIMAL (10,2),  
  `is_available` BOOLEAN DEFAULT TRUE,  
  `img_path` VARCHAR(255),
```

```
FOREIGN KEY (`restaurant_id`) REFERENCES `restaurant`(`restaurant_id`)  
);
```

```
CREATE TABLE `order` (  
  `order_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `user_id` INT,  
  `restaurant_id` INT,  
  `order_date` DATETIME DEFAULT CURRENT_TIMESTAMP,  
  `total_amount` DECIMAL (10,2),  
  `status` ENUM("Delivered","Pending", "Cancel"),  
  `payment_method` ENUM("COD", "UPI", "Debit Card", "Credit Card") UNIQUE,  
  FOREIGN KEY (`user_id`) REFERENCES `user`(`user_id`),  
  FOREIGN KEY (`restaurant_id`) REFERENCES `restaurant`(`restaurant_id`)  
);
```

```
CREATE TABLE `order_history` (  
  `order_history_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `order_id` INT,  
  `user_id` INT ,  
  `order_date` DATETIME DEFAULT CURRENT_TIMESTAMP,  
  `total_amount` DECIMAL(10,2),  
  `status` ENUM('Order History' , 'Delivery Time' , 'Bill Amount'),  
  FOREIGN KEY (`order_id`) REFERENCES `order`(`order_id`),  
  FOREIGN KEY (`user_id`) REFERENCES `user`(`user_id`)  
);
```

```
CREATE TABLE `order_item` (  
  `order_item_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `order_id` INT ,  
  `menu_id` INT ,  
  `quantity` INT,  
  `item_total` DOUBLE,  
  FOREIGN KEY (`order_id`) REFERENCES `order`(`order_id`),
```

```
FOREIGN KEY (`menu_id`) REFERENCES `menu`(`menu_id`)  
);
```

```
CREATE TABLE `cart_item` (  
  `cart_item_id` INT PRIMARY KEY AUTO_INCREMENT,  
  `restaurant_id` INT,  
  `item_name` VARCHAR(255),  
  `quantity` INT ,  
  `price` DOUBLE ,  
  FOREIGN KEY (`restaurant_id`) REFERENCES `restaurant`(`restaurant_id`)  
);
```