```sql
CREATE TABLE Users (

    user_id INT NOT NULL PRIMARY KEY,

    name VARCHAR(255) NOT NULL,

    email VARCHAR(255) NOT NULL UNIQUE,

    phone_number VARCHAR(15) NOT NULL UNIQUE,

    address TEXT NOT NULL,

    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,

    updated_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP

);


CREATE TABLE Restaurants (

    restaurant_id INT NOT NULL PRIMARY KEY,

    name VARCHAR(255) NOT NULL,

    address TEXT NOT NULL,

    phone_number VARCHAR(15) NOT NULL UNIQUE,

    rating DECIMAL(3, 2),

    opening_time TIME NOT NULL,

    closing_time TIME NOT NULL

);


CREATE TABLE Menu (

    menu_id INT NOT NULL PRIMARY KEY,

    restaurant_id INT NOT NULL,

    item_name VARCHAR(255) NOT NULL,

    description TEXT,

    price DECIMAL(10, 2) NOT NULL,

    availability BOOLEAN DEFAULT TRUE,

    FOREIGN KEY (restaurant_id) REFERENCES Restaurants(restaurant_id)

);


CREATE TABLE Orders (
```

```sql
    order_id INT NOT NULL PRIMARY KEY,

    user_id INT NOT NULL,

    restaurant_id INT NOT NULL,

    order_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,

    status VARCHAR(50) NOT NULL,

    total_price DECIMAL(10, 2) NOT NULL,

    payment_method VARCHAR(50),

    delivery_address TEXT NOT NULL,

    FOREIGN KEY (user_id) REFERENCES Users(user_id),

    FOREIGN KEY (restaurant_id) REFERENCES Restaurants(restaurant_id)

);


CREATE TABLE Order_Item (

    order_item_id INT NOT NULL PRIMARY KEY,

    order_id INT NOT NULL,

    menu_item_id INT NOT NULL,

    quantity INT NOT NULL,

    price DECIMAL(10, 2),

    customizations VARCHAR(255),

    special_instructions VARCHAR(255),

    FOREIGN KEY (order_id) REFERENCES Orders(order_id),

    FOREIGN KEY (menu_item_id) REFERENCES Menu(menu_id)

);


CREATE TABLE Delivery_Partners (

    delivery_partner_id INT NOT NULL PRIMARY KEY,

    name VARCHAR(255) NOT NULL,

    phone_number VARCHAR(15) NOT NULL UNIQUE,

    vehicle_number VARCHAR(50),

    rating DECIMAL(3, 2)

);
```

```sql
CREATE TABLE Deliveries (
    delivery_id INT NOT NULL PRIMARY KEY,
    order_id INT NOT NULL,
    delivery_partner_id INT NOT NULL,
    estimated_delivery_time TIMESTAMP NOT NULL,
    actual_delivery_time TIMESTAMP,
    status VARCHAR(50) NOT NULL,
    FOREIGN KEY (order_id) REFERENCES Orders(order_id),
    FOREIGN KEY (delivery_partner_id) REFERENCES Delivery_Partners(delivery_partner_id)
);

CREATE TABLE Discounts (
    discount_id INT NOT NULL PRIMARY KEY,
    code VARCHAR(50) NOT NULL UNIQUE,
    description TEXT,
    discount_percent DECIMAL(5, 2) NOT NULL,
    max_discount_amount DECIMAL(10, 2),
    start_date TIMESTAMP NOT NULL,
    end_date TIMESTAMP NOT NULL
);

CREATE TABLE Payments (
    payment_id INT NOT NULL PRIMARY KEY,
    order_id INT NOT NULL,
    amount DECIMAL(10, 2) NOT NULL,
    payment_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    payment_method VARCHAR(50) NOT NULL,
    status VARCHAR(50) NOT NULL,
    FOREIGN KEY (order_id) REFERENCES Orders(order_id)
);
```

```sql
INSERT INTO Users (user_id, name, email, phone_number, address)

VALUES

(1, 'John Doe', 'john.doe@example.com', '9876543210', '123 Main Street'),

(2, 'Jane Smith', 'jane.smith@example.com', '8765432109', '456 Elm Street'),

(3, 'Alice Brown', 'alice.brown@example.com', '7654321098', '789 Pine Street'),

(4, 'Bob White', 'bob.white@example.com', '6543210987', '321 Oak Street'),

(5, 'Charlie Black', 'charlie.black@example.com', '5432109876', '654 Maple Street');


INSERT INTO Restaurants (restaurant_id, name, address, phone_number, rating, opening_time, closing_time)

VALUES

(1, 'Pizza Palace', '123 Pizza Street', '9012345678', 4.5, '10:00:00', '22:00:00'),

(2, 'Burger Barn', '456 Burger Avenue', '8123456789', 4.2, '11:00:00', '23:00:00'),

(3, 'Sushi Spot', '789 Sushi Lane', '7234567890', 4.8, '09:00:00', '21:00:00'),

(4, 'Taco Town', '321 Taco Boulevard', '6345678901', 4.3, '08:00:00', '20:00:00'),

(5, 'Pasta Place', '654 Pasta Road', '5456789012', 4.6, '10:30:00', '22:30:00');


INSERT INTO Menu (menu_id, restaurant_id, item_name, description, price, availability)

VALUES

(1, 1, 'Margherita Pizza', 'Classic cheese pizza', 499.99, TRUE),

(2, 1, 'Pepperoni Pizza', 'Spicy pepperoni and cheese', 599.99, TRUE),

(3, 2, 'Cheeseburger', 'Beef patty with cheese', 199.99, TRUE),

(4, 2, 'Veggie Burger', 'Plant-based patty with veggies', 249.99, TRUE),

(5, 3, 'California Roll', 'Crab and avocado sushi', 349.99, TRUE);


INSERT INTO Orders (order_id, user_id, restaurant_id, status, total_price, payment_method, delivery_address)

VALUES

(1, 1, 1, 'Completed', 1099.97, 'Credit Card', '123 Main Street'),

(2, 2, 2, 'In Progress', 449.98, 'UPI', '456 Elm Street'),
```

(3, 3, 3, 'Completed', 349.99, 'Cash', '789 Pine Street'),

(4, 4, 4, 'Cancelled', 0.00, NULL, '321 Oak Street'),

(5, 5, 5, 'Completed', 899.99, 'Net Banking', '654 Maple Street');

INSERT INTO Order_Item (order_item_id, order_id, menu_item_id, quantity, price, customizations, special_instructions)

VALUES

(1, 1, 1, 2, 999.98, 'Extra cheese', 'No onions'),

(2, 1, 2, 1, 599.99, NULL, 'Cut into squares'),

(3, 2, 3, 2, 399.98, 'No pickles', 'Extra ketchup'),

(4, 2, 4, 1, 249.99, 'Extra lettuce', NULL),

(5, 3, 5, 1, 349.99, 'No wasabi', 'Serve fresh');

INSERT INTO Delivery_Partners (delivery_partner_id, name, phone_number, vehicle_number, rating)

VALUES

(1, 'Dave Runner', '7012345678', 'DL01AB1234', 4.8),

(2, 'Emma Rider', '7023456789', 'DL02BC2345', 4.5),

(3, 'Frank Courier', '7034567890', 'DL03CD3456', 4.7),

(4, 'Grace Deliver', '7045678901', 'DL04DE4567', 4.6),

(5, 'Hank Carrier', '7056789012', 'DL05EF5678', 4.9);

INSERT INTO Deliveries (delivery_id, order_id, delivery_partner_id, estimated_delivery_time, actual_delivery_time, status)

VALUES

(1, 1, 1, '2025-01-18 13:30:00', '2025-01-18 13:45:00', 'Delivered'),

(2, 2, 2, '2025-01-18 14:00:00', NULL, 'In Progress'),

(3, 3, 3, '2025-01-18 14:30:00', '2025-01-18 14:25:00', 'Delivered'),

(4, 4, 4, '2025-01-18 15:00:00', NULL, 'Cancelled'),

(5, 5, 5, '2025-01-18 15:30:00', '2025-01-18 15:40:00', 'Delivered');

INSERT INTO Discounts (discount_id, code, description, discount_percent, max_discount_amount, start_date, end_date)

VALUES

(1, 'SAVE50', 'Flat 50% off on orders above ₹500', 50.00, 200.00, '2025-01-01 00:00:00', '2025-01-31 23:59:59'),

(2, 'NEWUSER', '₹100 off for first-time users', 20.00, 100.00, '2025-01-01 00:00:00', '2025-12-31 23:59:59'),

(3, 'FREESHIP', 'Free delivery on orders above ₹300', 10.00, 50.00, '2025-01-01 00:00:00', '2025-06-30 23:59:59'),

(4, 'HAPPYHOUR', '25% off during 2-5 PM', 25.00, 150.00, '2025-01-01 14:00:00', '2025-12-31 17:00:00'),

(5, 'FESTIVE20', '20% off on all orders', 20.00, NULL, '2025-01-01 00:00:00', '2025-01-31 23:59:59');

INSERT INTO Payments (payment_id, order_id, amount, payment_method, status)

VALUES

(1, 1, 1099.97, 'Credit Card', 'Success'),

(2, 2, 449.98, 'UPI', 'Pending'),

(3, 3, 349.99, 'Cash', 'Success'),

(4, 4, 0.00, NULL, 'Cancelled'),

(5, 5, 899.99, 'Net Banking', 'Success');

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > show tables;
+-------------------------+
| Tables_in_fooddeliveryapp |
+-------------------------+
| deliveries              |
| delivery_partners       |
| discounts               |
| menu                    |
| order_item              |
| orders                  |
| payments                |
| restaurants             |
| users                   |
+-------------------------+
9 rows in set (0.0420 sec)
```

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from deliveries ;
```

delivery_id	order_id	delivery_partner_id	estimated_delivery_time	actual_delivery_time	status
1	1	1	2025-01-18 13:30:00	2025-01-18 13:45:00	Delivered
2	2	2	2025-01-18 14:00:00	NULL	In Progress
3	3	3	2025-01-18 14:30:00	2025-01-18 14:25:00	Delivered
4	4	4	2025-01-18 15:00:00	NULL	Cancelled
5	5	5	2025-01-18 15:30:00	2025-01-18 15:40:00	Delivered

5 rows in set (0.0009 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from delivery_partners ;
```

delivery_partner_id	name	phone_number	vehicle_number	rating
1	Dave Runner	7012345678	DL01AB1234	4.80
2	Emma Rider	7023456789	DL02BC2345	4.50
3	Frank Courier	7034567890	DL03CD3456	4.70
4	Grace Deliver	7045678901	DL04DE4567	4.60
5	Hank Carrier	7056789012	DL05EF5678	4.90

5 rows in set (0.0022 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from discounts ;
```

discount_id	code	description	discount_percent	max_discount_amount	start_date	end_date
1	SAVE50	Flat 50% off on orders above ₹500	50.00	200.00	2025-01-01 00:00:00	2025-01-31 23:59:59
2	NEWUSER	₹100 off for first-time users	20.00	100.00	2025-01-01 00:00:00	2025-12-31 23:59:59
3	FREESHIP	Free delivery on orders above ₹300	10.00	50.00	2025-01-01 00:00:00	2025-06-30 23:59:59
4	HAPPYHOUR	25% off during 2-5 PM	25.00	150.00	2025-01-01 14:00:00	2025-12-31 17:00:00
5	FESTIVE20	20% off on all orders	20.00	NULL	2025-01-01 00:00:00	2025-01-31 23:59:59

5 rows in set (0.0042 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from menu;
```

menu_id	restaurant_id	item_name	description	price	availability
1	1	Margherita Pizza	Classic cheese pizza	499.99	1
2	1	Pepperoni Pizza	Spicy pepperoni and cheese	599.99	1
3	2	Cheeseburger	Beef patty with cheese	199.99	1
4	2	Veggie Burger	Plant-based patty with veggies	249.99	1
5	3	California Roll	Crab and avocado sushi	349.99	1

5 rows in set (0.0047 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from order_item;
```

order_item_id	order_id	menu_item_id	quantity	price	customizations	special_instructions
1	1	1	2	999.98	Extra cheese	No onions
2	1	2	1	599.99	NULL	Cut into squares
3	2	3	2	399.98	No pickles	Extra ketchup
4	2	4	1	249.99	Extra lettuce	NULL
5	3	5	1	349.99	No wasabi	Serve fresh

5 rows in set (0.0087 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from orders;
```

order_id	user_id	restaurant_id	order_date	status	total_price	payment_method	delivery_address
1	1	1	2025-01-18 23:56:15	Completed	1099.97	Credit Card	123 Main Street
2	2	2	2025-01-18 23:56:15	In Progress	449.98	UPI	456 Elm Street
3	3	3	2025-01-18 23:56:15	Completed	349.99	Cash	789 Pine Street
4	4	4	2025-01-18 23:56:15	Cancelled	0.00	NULL	321 Oak Street
5	5	5	2025-01-18 23:56:15	Completed	899.99	Net Banking	654 Maple Street

5 rows in set (0.0097 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from restaurants;
```

restaurant_id	name	address	phone_number	rating	opening_time	closing_time
1	Pizza Palace	123 Pizza Street	9012345678	4.50	10:00:00	22:00:00
2	Burger Barn	456 Burger Avenue	8123456789	4.20	11:00:00	23:00:00
3	Sushi Spot	789 Sushi Lane	7234567890	4.80	09:00:00	21:00:00
4	Taco Town	321 Taco Boulevard	6345678901	4.30	08:00:00	20:00:00
5	Pasta Place	654 Pasta Road	5456789012	4.60	10:30:00	22:30:00

5 rows in set (0.0059 sec)

```
MySQL  localhost:33060+ ssl  fooddeliveryapp  SQL > select * from users;
```

user_id	name	email	phone_number	address	created_at	updated_at
1	John Doe	john.doe@example.com	9876543210	123 Main Street	2025-01-18 23:56:15	2025-01-18 23:56:15
2	Jane Smith	jane.smith@example.com	8765432109	456 Elm Street	2025-01-18 23:56:15	2025-01-18 23:56:15
3	Alice Brown	alice.brown@example.com	7654321098	789 Pine Street	2025-01-18 23:56:15	2025-01-18 23:56:15
4	Bob White	bob.white@example.com	6543210987	321 Oak Street	2025-01-18 23:56:15	2025-01-18 23:56:15
5	Charlie Black	charlie.black@example.com	5432109876	654 Maple Street	2025-01-18 23:56:15	2025-01-18 23:56:15

5 rows in set (0.0052 sec)