

Mapping Steps:

seat (table_id, isOccupied) Primary Key: table_id	menuItem (item_id, menu_name, description, isAvaliable, price) Primary key: item_id
orders (order_id, table_id,status,feedback, receipt) Primary key: order_id Foreign key: table_id references Table(table_id)	ingredient (nameof) Primary key: nameof
menuItem_ingredient (item_id, nameOf) Primary key: item_id, nameOf Foreign key : item_id references menuItem(item_id), Foreign key : nameOf references Ingredient(nameOf)	menuItem_order (item_id,order_id) Primary key: item_id, order_id Foreign key : item_id references MenuItem(item_id), Foreign key : order_id references Orders(order_id)

Testing Database :

```
SELECT * FROM seat;  
SELECT * FROM orders;  
SELECT * FROM menuItem;  
SELECT * FROM menuItem_order;  
SELECT * FROM ingredient;  
SELECT * FROM menuItem_ingredient;  
DELETE FROM menuItem_ingredient WHERE nameof = 'Tomato';
```