

DATABASE SCHEMA

Restaurant Management System

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Database Queries

```
-- Users Table
CREATE TABLE Users (
    userID INT PRIMARY KEY IDENTITY,
    userName VARCHAR(50) not null,
    upass VARCHAR(10) not null,
    uName VARCHAR(50) not null,
    uPhone VARCHAR(20),
);

-- Tables Table
CREATE TABLE Tables (
    tID INT PRIMARY KEY IDENTITY,
    tName VARCHAR(100)
);

-- Staff Table
CREATE TABLE Users (
    staffID INT PRIMARY KEY IDENTITY,
    sName VARCHAR(50),
    sPhone VARCHAR(50),
    sRole VARCHAR(50)
);

-- Category Table
CREATE TABLE Category (
    catID INT PRIMARY KEY IDENTITY,
    catName VARCHAR(100)
);

-- Products Table
CREATE TABLE products (
    pID INT PRIMARY KEY IDENTITY,
    pName VARCHAR(50),
    pPrice FLOAT,
    CategoryID INT,
    pImage IMAGE
);

-- Main Table
CREATE TABLE tblMain (
    MainID INT PRIMARY KEY IDENTITY,
    aDate DATE,
    aTime VARCHAR(15),
    TableName VARCHAR(10),
    WaiterName VARCHAR(50),
    status VARCHAR(10),
    orderType VARCHAR(15),
    total FLOAT,
    received FLOAT,
    change FLOAT,
    driverID INT,
    CustName VARCHAR(50),
    CustPhone VARCHAR(50),
);

-- Detail Table
CREATE TABLE tblDetails (
```

```
DetailID INT PRIMARY KEY IDENTITY,  
MainID INT,  
proID INT,  
qty INT,  
price FLOAT,  
amount FLOAT,  
);
```

```
Select pID, pName, pPrice, CategoryID, c.catName from products p inner join category c on  
c.catID = p.CategoryID
```

```
Select * from tblMain m  
inner join tblDetails d on m.MainID = d.MainID
```

```
Select * from tblMain m  
inner join tblDetails d on m.MainID = d.MainID  
inner join products p on p.pID = d.proID  
inner join category c on c.catID = p.CategoryID  
where m.aDate between '2023-01-01' and '2023-01-31'
```

Database Schema

