

Mini Cafe Database **Management System**

By

Shravya Aellanagoji

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SQL OPERATIONS

DEFINING TABLES

1. Orders

```
create table Orders(  
  OrderID int,  
  Date    Date,  
  Waiting_time Time,  
  PRIMARY KEY(OrderID));
```

2. Customers

```
create table Customers(  
  OrderID int,  
  Customer_Name varchar(30),  
  Customer_Category varchar(30),  
  Gender varchar(5),  
  PRIMARY  
  KEY(Customer_Name, Customer_Category, Gender),  
  FOREIGN KEY(OrderID) REFERENCES Orders(OrderID));
```

3. Customer_Phone

```
create table Customer_Phone(  
  Phone_NO1 varchar(11),  
  Phone_NO2 varchar(11),  
  OrderID int,
```

PRIMARY KEY(OrderID),
FOREIGN KEY(OrderID) REFERENCES Orders(OrderID));

4. **Items**

Create table Items(
Item_ID int,
OrderID int,
Item_Name varchar(50),
Price int,
Quantity int,
FOREIGN KEY(OrderID) REFERENCES Orders(OrderID));

5. **Employees**

create table Employees(
Employee_ID int,
Salary int,
Employee_Name varchar(30),
City varchar(30),
State varchar(30),
Contact_Number varchar(11),
Employee_Category varchar(20),
PRIMARY KEY(Employee_ID));

6. **Payments**

create table Payment(
Pay_ID int,
Type varchar(20),
OrderID int ,
PRIMARY KEY(Pay_ID),
FOREIGN KEY(OrderID) REFERENCES Orders(OrderID));

INSERTING VALUES

1. Orders

```
insert into Orders values(1020,'2024-02-10',15);
insert into Orders values(1021,'2024-02-10',12);
insert into Orders values(1022,'2024-02-10',20);
insert into Orders values(1023,'2024-02-11',20);
insert into Orders values(1024,'2024-02-11',15);
insert into Orders values(1025,'2024-02-11',12);
insert into Orders values(1026,'2024-02-12',12);
insert into Orders values(1027,'2024-02-12',12);
insert into Orders values(1028,'2024-02-12',20);
insert into Orders values(1029,'2024-02-13',20);
insert into Orders values(1030,'2024-02-13',20);
insert into Orders values(1031,'2024-02-13',20);
insert into Orders values(1032,'2024-02-13',15);
insert into Orders values(1033,'2024-02-14',15);
insert into Orders values(1034,'2024-02-14',12);
```

	OrderID	Date	Waiting_time
▶	1020	2024-02-10	15
	1021	2024-02-10	12
	1022	2024-02-10	20
	1023	2024-02-11	20
	1024	2024-02-11	15
	1025	2024-02-11	12
	1026	2024-02-12	12
	1027	2024-02-12	12
	1028	2024-02-12	20
	1029	2024-02-13	20
	1030	2024-02-13	20
	1031	2024-02-13	20
	1032	2024-02-13	15
	1033	2024-02-14	15
	1034	2024-02-14	12
•	NULL	NULL	NULL

2. Customers

```
insert into Customers values(1020,'Ramu','Student','M');
insert into Customers values(1021,'Ravi','Teaching','M');
insert into Customers values(1022,'Sailu','Student','F');
insert into Customers values(1023,'Akhi','Non-Teaching','F');
insert into Customers values(1024,'Akhira','Others','F');
insert into Customers values(1025,'Kanika','Student','F');
insert into Customers values(1026,'Balu','Teaching','M');
insert into Customers values(1027,'Manikyam','Teaching','F');
insert into Customers values(1028,'Srinivas','Non-Teaching','M');
insert into Customers values(1029,'Uma','Student','M');
insert into Customers values(1030,'Tanmayee','Student','F');
insert into Customers values(1031,'Ashray','Others','M');
insert into Customers values(1032,'Shivani','Non-Teaching','F');
insert into Customers values(1033,'Sonu','Student','M');
insert into Customers values(1034,'Diya','Non-Teaching','F');
```

	OrderID	Customer_Name	Customer_Category	Gender
▶	1020	Ramu	Student	M
	1021	Ravi	Teaching	M
	1022	Sailu	Student	F
	1023	Akhi	Non-Teaching	F
	1024	Akhira	Others	F
	1025	Kanika	Student	F
	1026	Balu	Teaching	M
	1027	Manikyam	Teaching	F
	1028	Srinivas	Non-Teaching	M
	1029	Uma	Student	M
	1030	Tanmayee	Student	F
	1031	Ashray	Others	M
	1032	Shivani	Non-Teaching	F
	1033	Sonu	Student	M
	1034	Diya	Non-Teaching	F
★	NULL	NULL	NULL	NULL

3. Customer Phone

```
insert into Customer_Phone values('9538046130','9471418987',1020);
insert into Customer_Phone values('8772752889','7980259834',1021);
insert into Customer_Phone values('9772199632','9643400360',1022);
insert into Customer_Phone values('8391736156','8333895124',1023);
insert into Customer_Phone values('9049310220','8648544036',1024);
insert into Customer_Phone values('8861589382','9655138667',1025);
insert into Customer_Phone values('9651341011','9189762885',1026);
insert into Customer_Phone values('7375231738','8478986748',1027);
insert into Customer_Phone values('8073482966','8557089728',1028);
insert into Customer_Phone values('7932588960','8876658921',1029);
insert into Customer_Phone values('8406372864','7530332064',1030);
insert into Customer_Phone values('7975397752','7656570577',1031);
insert into Customer_Phone values('7695859504','9724480186',1032);
insert into Customer_Phone values('8764825395','7399638095',1033);
insert into Customer_Phone values('7301964726','8982577634',1034);
```

	Phone_NO1	Phone_NO2	OrderID
▶	9538046130	9471418987	1020
	8772752889	7980259834	1021
	9772199632	9643400360	1022
	8391736156	8333895124	1023
	9049310220	8648544036	1024
	8861589382	9655138667	1025
	9651341011	9189762885	1026
	7375231738	8478986748	1027
	8073482966	8557089728	1028
	7932588960	8876658921	1029
	8406372864	7530332064	1030
	7975397752	7656570577	1031
	7695859504	9724480186	1032
	8764825395	7399638095	1033
	7301964726	8982577634	1034
★	NULL	NULL	NULL

4. Items

```
insert into items values(01,1020,'Maggie',35,1);
insert into items values(03,1020,'Pasta',65,1);
insert into items values(04,1021,'Tea',10,2);
insert into items values(02,1021,'Sandwich',50,1);
insert into items values(06,1022,'Hot Chocolate',20,1);
insert into items values(03,1022,'Pasta',65,1);
insert into items values(05,1023,'Coffee',12,1);
insert into items values(07,1024,'Nuggets',45,1);
insert into items values(08,1025,'Veg Burger',100,1);
insert into items values(08,1026,'Veg Burger',100,1 );
insert into items values(06,1026,'Hot Chocolate',20,1);
insert into items values(01,1027,'Maggie',35,2);
insert into items values(04,1028,'Tea',10,1);
insert into items values(02,1029,'Sandwich',50,2);
insert into items values(07,1030,'Nuggets',45,1);
```

	Item_ID	OrderID	Item_Name	Price	Quantity
►	1	1020	Maggie	35	1
	3	1020	Pasta	65	1
	4	1021	Tea	10	2
	2	1021	Sandwich	50	1
	6	1022	Hot Chocolate	20	1
	3	1022	Pasta	65	1
	5	1023	Coffee	12	1
	7	1024	Nuggets	45	1
	8	1025	Veg Burger	100	1
	8	1026	Veg Burger	100	1
	6	1026	Hot Chocolate	20	1
	1	1027	Maggie	35	2
	4	1028	Tea	10	1
	2	1029	Sandwich	50	2
	7	1030	Nuggets	45	1

5. Employees

insert into employees

```
values(101,30000,'Kiran','Hyderabad','Telangana',8078899615,'Worker');
```

insert into employees

```
values(102,55000,'Vaidehi','Kazipet','Telangana',7187739366,'Chef');
```

insert into employees

```
values(103,30000,'Rahul','Mulugu','Telangana',7113110724,'Worker');
```

insert into employees

```
values(104,35000,'Ramesh','Warangal','Telangana',9543415933,'Senior Worker');
```

insert into employees

```
values(105,30000,'Simi','Medak','Telangana',8995336733,'Worker');
```

insert into employees

```
values(106,55000,'Sanvi','Suryapet','Telangana',9666762932,'Chef');
```

insert into employees

```
values(107,70000,'Ramya','Kazipet','Telangana',7336752207,'Manager');
```

insert into employees

```
values(108,40000,'Paul','Vikarabad','Telangana',9418756457,'Worker');
```

insert into employees

```
values(109,45000,'Viven','Mulugu','Telangana',7287422754,'Chef');
```

[illegible]

6. Payments

```
insert into payment values(112120,'Cash',1020);
insert into payment values(112121,'Cash',1021);
insert into payment values(112122,'Online',1022);
insert into payment values(112123,'Cash',1023);
insert into payment values(112124,'Online',1024);
insert into payment values(112125,'Online',1025);
insert into payment values(112126,'Online',1026);
insert into payment values(112127,'Online',1027);
insert into payment values(112128,'Online',1028);
insert into payment values(112129,'Cash',1029);
insert into payment values(112130,'Cash',1030);
insert into payment values(112131,'Online',1031);
insert into payment values(112132,'Online',1032);
insert into payment values(112133,'Online',1033);
insert into payment values(112134,'Cash',1034);
```

	Pay_ID	Type	OrderID
▶	112120	Cash	1020
	112121	Cash	1021
	112122	Online	1022
	112123	Cash	1023
	112124	Online	1024
	112125	Online	1025
	112126	Online	1026
	112127	Online	1027
	112128	Online	1028
	112129	Cash	1029
	112130	Cash	1030
	112131	Online	1031
	112132	Online	1032
	112133	Online	1033
	112134	Cash	1034
•	NULL	NULL	NULL

ER DIAGRAM

