

# **DBMS**

## **INNOVATIVE ASSIGNMENT**

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# RESTAURANT MANAGEMENT DATABASE



## AIM

The following Restaurant database holds the records of its Employees, chef, waiters/delivery boys, food items, drinks and their customer details. The GUI interface navigates the user through different portals where they can access the details of customers, employees, food items etc.

## **DESCRIPTION**

We have customer, restaurant and delivery sections.

Restaurant end we have

1. All the food items and drinks the customer can order
2. Track of all the employee details
3. Chef details along with their speciality in a specific cuisine

Customer end we have

1. Customer details
2. Details for Payment and

Delivery end to track all the deliveries done

## **CHARACTERISTICS**

1. Add Record
2. Delete Record
3. Display Record
4. Update Record

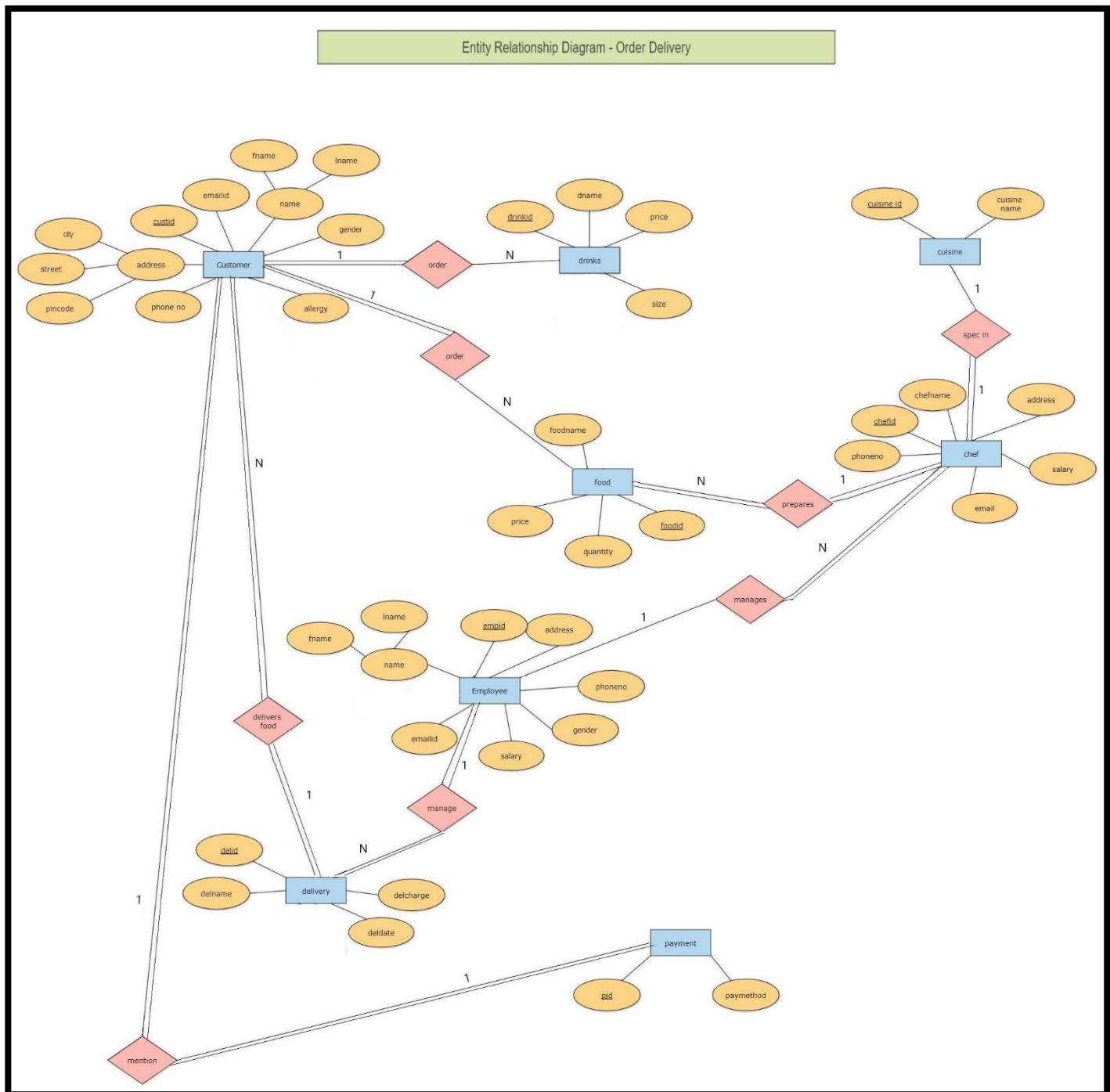
## **EXTERNAL INTERFACE REQUIREMENTS**

1. Front end : Python
2. Backend : MySQL

## **FUNCTIONAL REQUIREMENTS**

1. User authentication during login
2. Email Verification while sign up

# ER MODEL



# RELATIONAL MODEL

CUSTOMER		
ATTRIBUTES	DEFAULT VALUE	CONSTRAINTS
FNAME		NOT NULL
LNAME		NOT NULL
CUSTID		PRIMARY KEY
EMAILID		NOT NULL, CHECK should contain @ .com
CITY	AHMEDABAD	
STREET		NOT NULL
PINCODE		NOT NULL CHECK count = 6
GENDER		NOT NULL Values ('M','F','O')
PHONENO		NOT NULL CHECK count = 10
ALLERGY	NULL	

CUISINE		
ATTRIBUTES	DEFAULT VALUE	CONSTRAINTS
CUISINEID		PRIMARY KEY
CUISINE NAME		NOT NULL

EMPLOYEE		
ATTRIBUTES	DEFAULT VALUE	CONSTRAINTS
EMPID		PRIMARY KEY
FNAME		NOT NULL
LNAME		NOT NULL

<b>EMAILID</b>		NOT NULL, CHECK should contain @ .com
<b>ADDRESS</b>		NOT NULL
<b>PHONE NO</b>		NOT NULL CHECK count = 10
<b>GENDER</b>		NOT NULL Values ('M','F','O')
<b>SALARY</b>		NOT NULL CHECK Greater than 0

CHEF		
ATTRIBUTES	DEFAULT VALUE	CONSTRAINTS
<b>CHEFID</b>		PRIMARY KEY
<b>CHEFNAME</b>		NOT NULL
<b>ADDRESS</b>		NOT NULL
<b>PHONENO</b>		NOT NULL CHECK count = 10
<b>SPEC</b>		Foreign key references ' <b>CUISINEID</b> ' of <b>CUISINE</b> table.
<b>EMPID</b>		Foreign key references ' <b>EMPID</b> ' of <b>EMPLOYEE</b> table.
<b>EMAIL</b>		NOT NULL, CHECK should contain @ .com
<b>SALARY</b>		NOT NULL CHECK Greater than 0

FOOD		
ATTRIBUTES	DEFAULT VALUE	CONSTRAINTS
<b>FOODID</b>		PRIMARY KEY

<b>FOODNAME</b>		NOT NULL
<b>PRICE</b>		NOT NULL CHECK Greater than 0
<b>QUANTITY</b>		NOT NULL CHECK Greater than 0
<b>CUISINEID</b>		Foreign key references ' <b>CUISINEID</b> ' of <b>CUISINE</b> table.
<b>CHEFID</b>		Foreign key references ' <b>CHEFID</b> ' of <b>CHEF</b> table.

DRINKS		
ATTRIBUTES	DEFAULT	CONSTRAINT
<b>DRINKID</b>		PRIMARY KEY
<b>DNAME</b>		NOT NULL
<b>PRICE</b>		NOT NULL, CHECK can't be 0
<b>SIZE</b>		Values('large', 'medium', 'small')

DELIVERY		
ATTRIBUTES	DEFAULT	CONSTRAINT
<b>DELID</b>		PRIMARY KEY
<b>DELNAME</b>		NOT NULL
<b>CUSTID</b>		Foreign key references ' <b>CUSTID</b> ' of <b>Customer</b> table.
<b>EMPID</b>		Foreign key references ' <b>EMPID</b> ' of <b>Employee</b> table.
<b>DELCHARGE</b>		NOT NULL CHECK can't be 0
<b>DELDATE</b>		NOT NULL

	ORDER	
ATTRIBUTES	DEFAULT	CONSTRAINT
<b>ORDID</b>		PRIMARY KEY
<b>TOTALCOST</b>		NOT NULL CHECK can't be 0
<b>FOODID</b>		Foreign key references ' <b>FOODID</b> ' of <b>Food</b> table.
<b>DRINKID</b>		Foreign key references ' <b>DRINKID</b> ' of <b>Drink</b> table.
<b>DELID</b>		Foreign key references ' <b>DELID</b> ' of <b>Delivery</b> table.

	PAYMENT	
ATTRIBUTES	DEFAULT	CONSTRAINT
<b>PID</b>		PRIMARY KEY
<b>PAYMETHOD</b>		Values ('credit card', 'cash', 'debit card', 'Paytm')
<b>CUSTID</b>		Foreign key references ' <b>CUSTID</b> ' of <b>Customer</b> table.
<b>ORDID</b>		Foreign key references ' <b>ORDID</b> ' of <b>Order</b> table.

# QUERIES

1. SELECT Fname FROM Employee GROUP BY empid HAVING AVG(salary) BETWEEN 5000 AND 150000;

Fname
adam
chris
alex
abby
briana
maria
ava
raksha
Kanisha

2. SELECT

Employee.empid, fname, salary, deldate, delcharge from delivery INNER JOIN employee on Employee.empid=delivery.empid where deldate>('2017-1-1');

empid	fname	salary	deldate	delcharge
1005	maria	40000	2021-05-04	1000
1008	Kanisha	230000	2021-03-17	9562
1009	Kanisha	10205	2021-04-27	8521

3. select c.\* from chef c where salary >1000 && spec >= '11';

Result Grid		Filter Rows:		Edit:		Export/Import:		Wrap Cell Content:	
		Chefid	Chefname	Address	phoneno	spec	empid	emailid	salary
▶	1	Kanisha	paldi	8541623971	11	1002	kani@gmail.com	1500	
3	Meet	paldi	9852163472	NULL	15	1009	meet@gmail.com	1526	
*	HULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

4. select c.Fname, o.food, o.drinkid from restaurant\_management.order o , customer c, delivery d where c.custid=d.custid and o.Delid = d.Delid;

	foodid	drinkid	Fname
▶	61	1	Kanisha
	63	6	Kanisha
	65	6	Kruti
	62	2	Kruti

5. select chefname, cuisinename from chef, cuisine c where chef.spec=c.cuisineid;

	foodname	Cuisinename	price
▶	momos	chinese	60
	chinesesoup	chinese	60
	biryani	north indian	100
	egg rice	north indian	50
	idly sambar	south indian	20
	roti curry	south indian	50
	fried rice	south indian	60
	vada	south indian	20
	masala dosa	south indian	40
	burger	continental	100
	sandwich	continental	40
	taco	mexican	50
	nachos	mexican	100
	ice cream	dessert	70
	pad thai	thai	250
	pizza	italian	200

6. select foodname, Cuisinename, price from food f, cuisine c where f.cuisineid=c.cuisineid;

Result Grid | Filter Rows:

	foodname	Cuisinename	price
▶	Maggiee	north indian	100
	Punjabi	Gujarati	100
	Burger	north indian	120
	Sandwich	south indian	200
	Pizza	VegFood	100

7. select fname, lname, gender, salary from employee  
where salary=(select max(salary) from employee group  
by gender having gender='F');

Result Grid | Filter Rows:  Export: Wrap Cell Content:

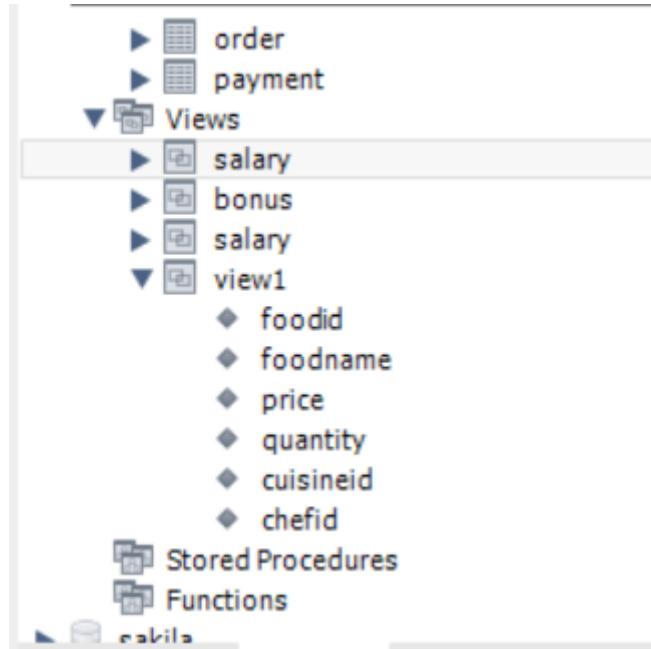
	fname	lname	gender	salary
▶	Kanisha	Shah	F	230000

8. SELECT concat(concat(Fname, ' '), lname) as Name  
FROM EMPLOYEE WHERE fname LIKE 'a%';

Result Grid |

	Name
▶	adam lavine
	alex wasabi
	abby lee
	ava anderson

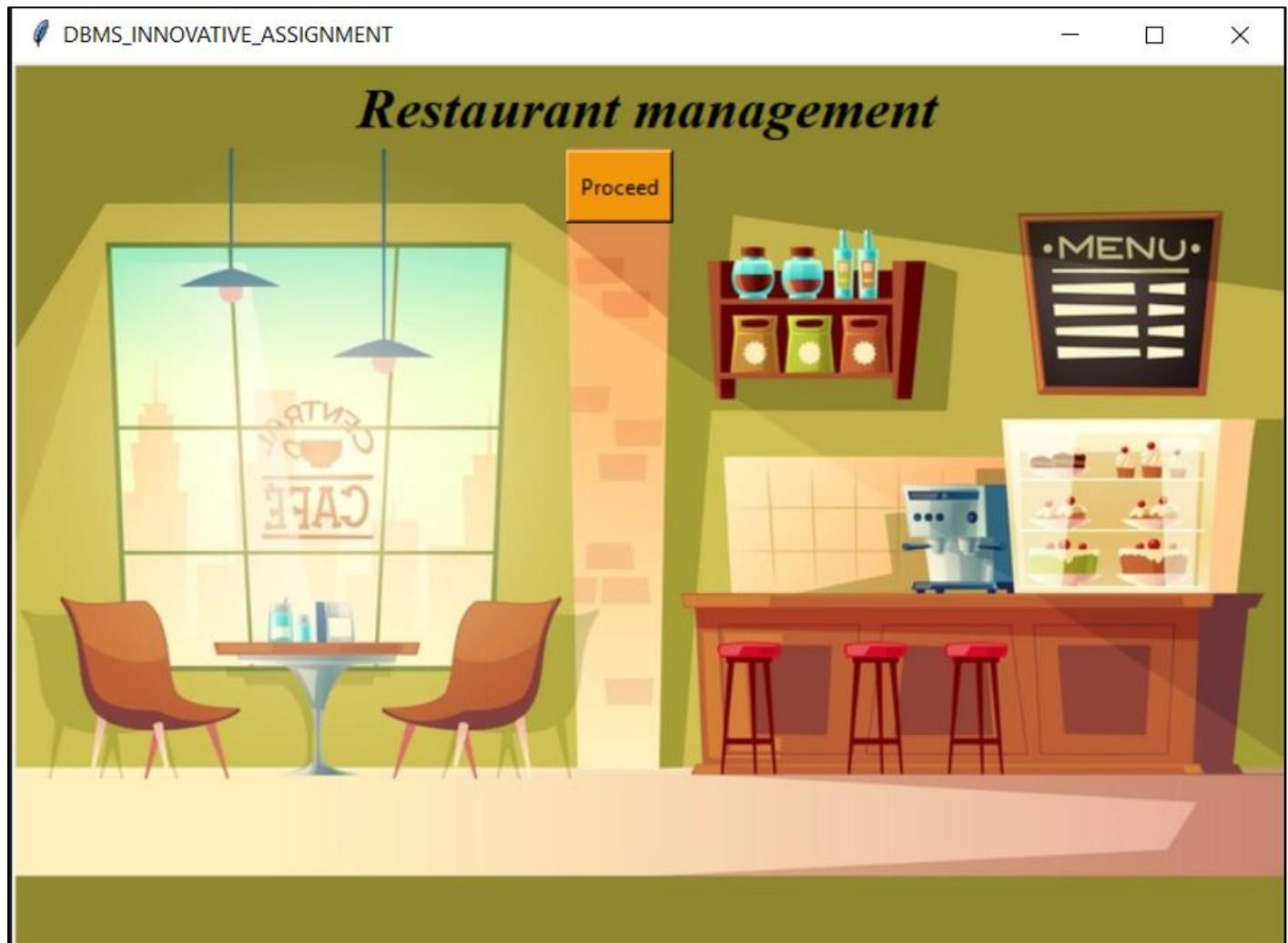
9. CREATE VIEW Salary AS SELECT chefid,  
SUM(employee.salary) FROM CHEF JOIN employee ON  
Chef.chefid = employee.empid GROUP BY Chef.chefid



10. select o.ordid, fname, lname, foodname, dname, paymethod from customer c, payment p  
restaurant\_management.order o , food f, drinks d  
where c.custid=p.custid and p.ordid=o.ordid and  
o.foodid=f.foodid and o.drinkid=d.drinkid ;

	ordid	fname	lname	foodname	dname	paymethod
▶	100	Stuti	Patel	Maggiee	Coffee	Card
	104	Meet	Vora	Punjabi	Mojito	Credit
	102	Kruti	Pandya	Burger	Orange Juice	Cash

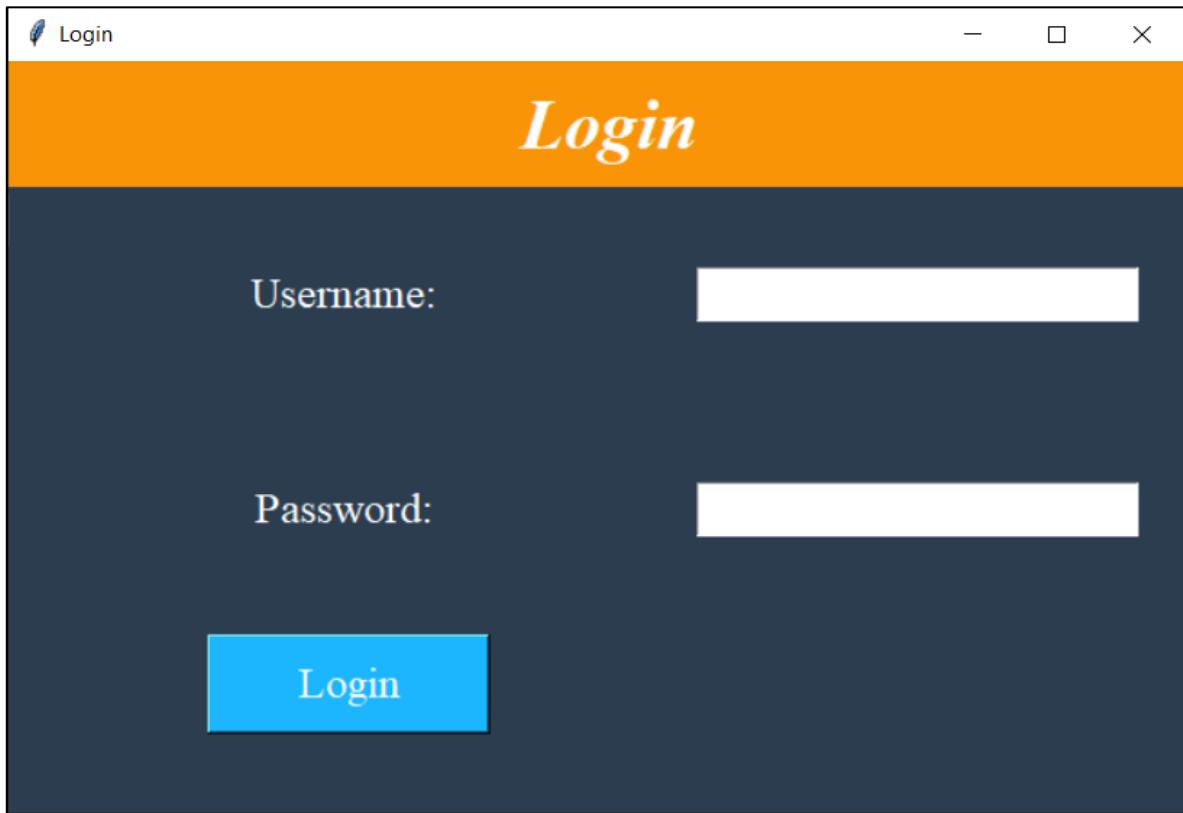
# RELATIONAL MODEL



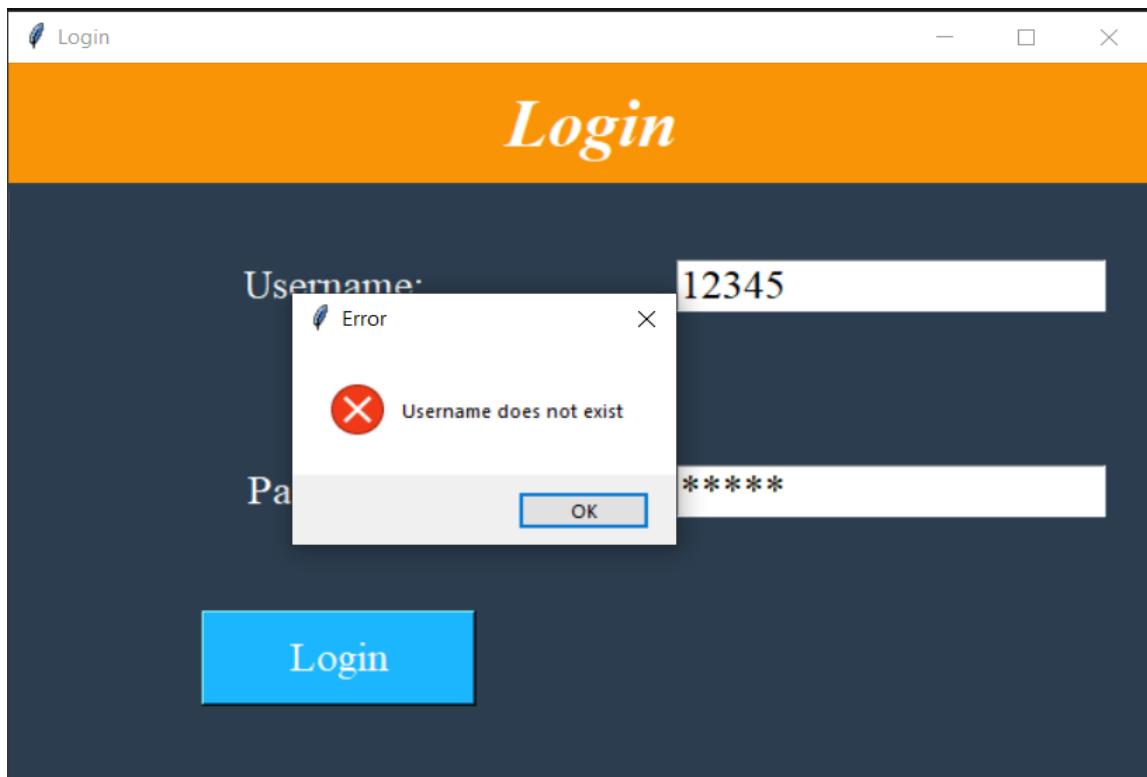
First page of Restaurant Database Management using GUI Python Tkinter.

User clicks the proceed button, to manipulate the data.

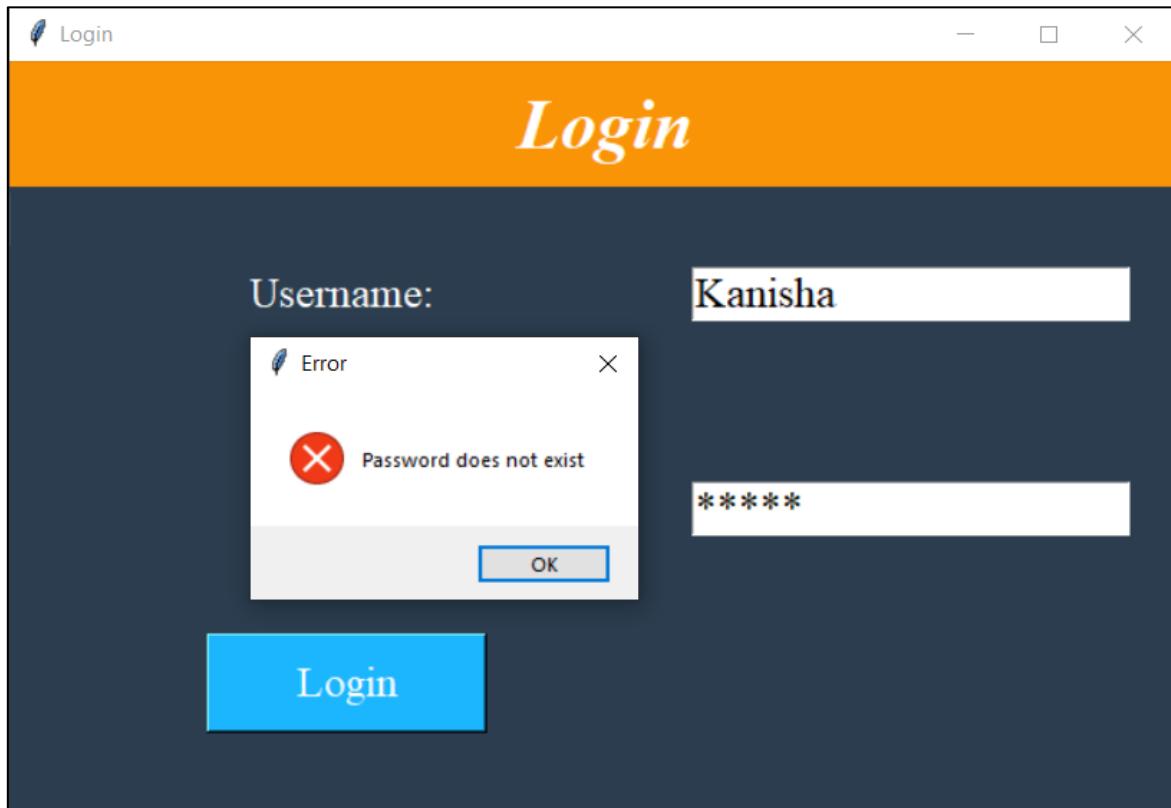
The user has to enter correct password and user id in order to access the database.



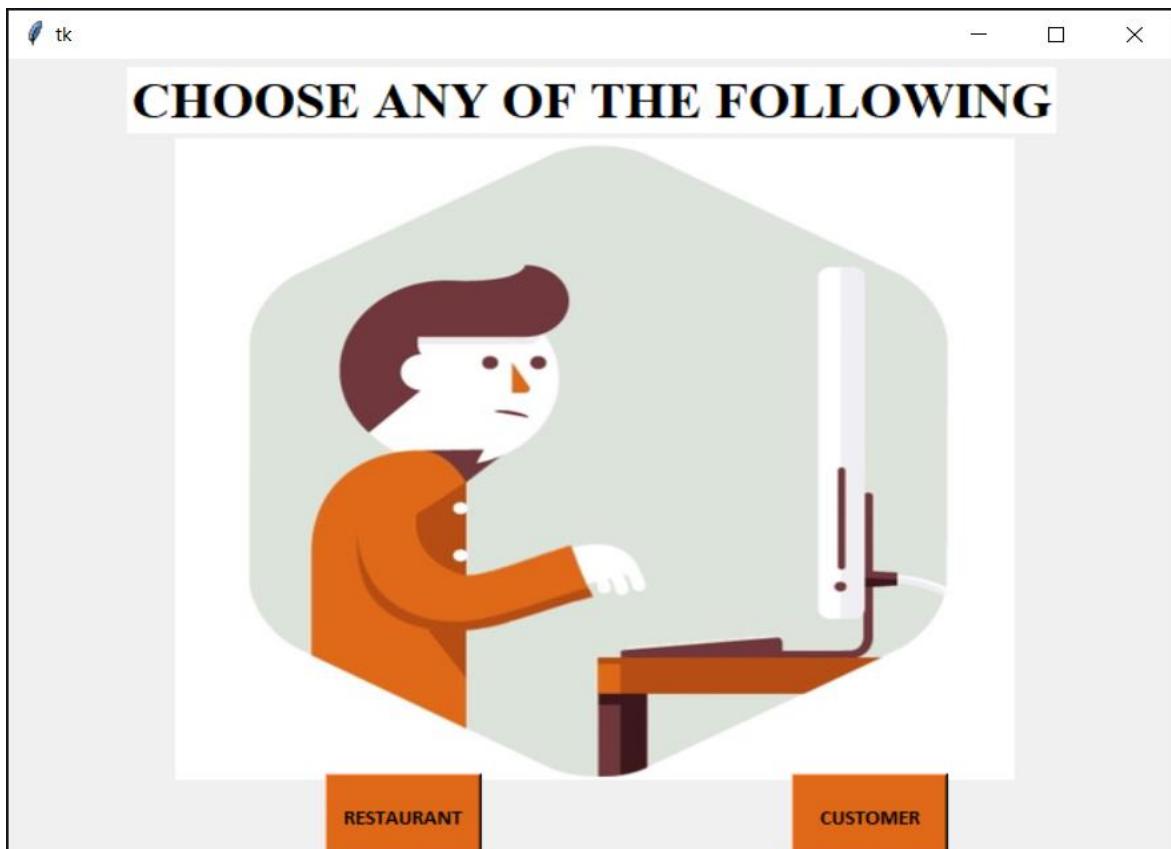
The username does not exist, hence raises error.



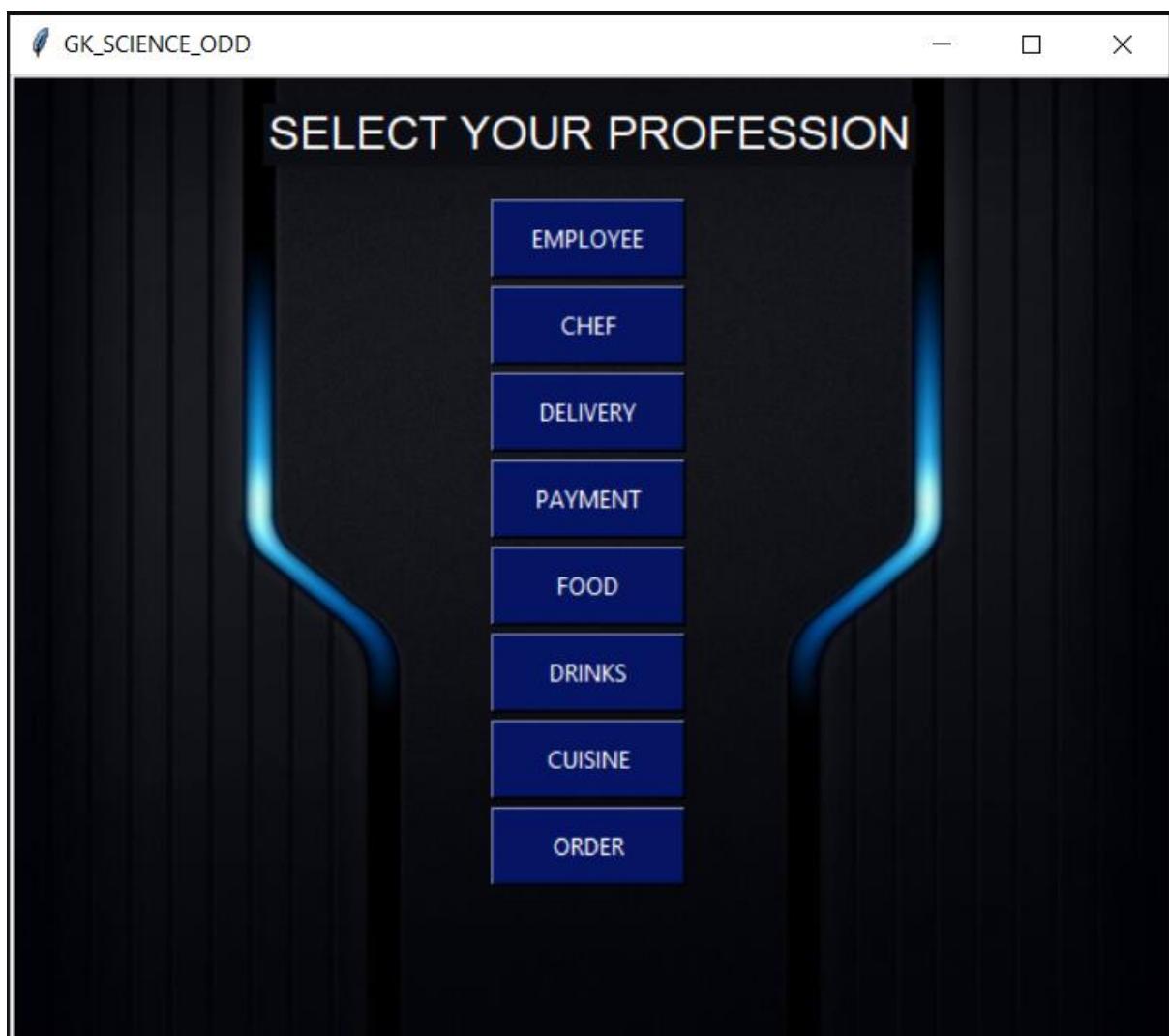
The password is incorrect, hence raises error.



On correct details provided, user gets access to the database, he has to choose from any of the following button inorder to access that record.

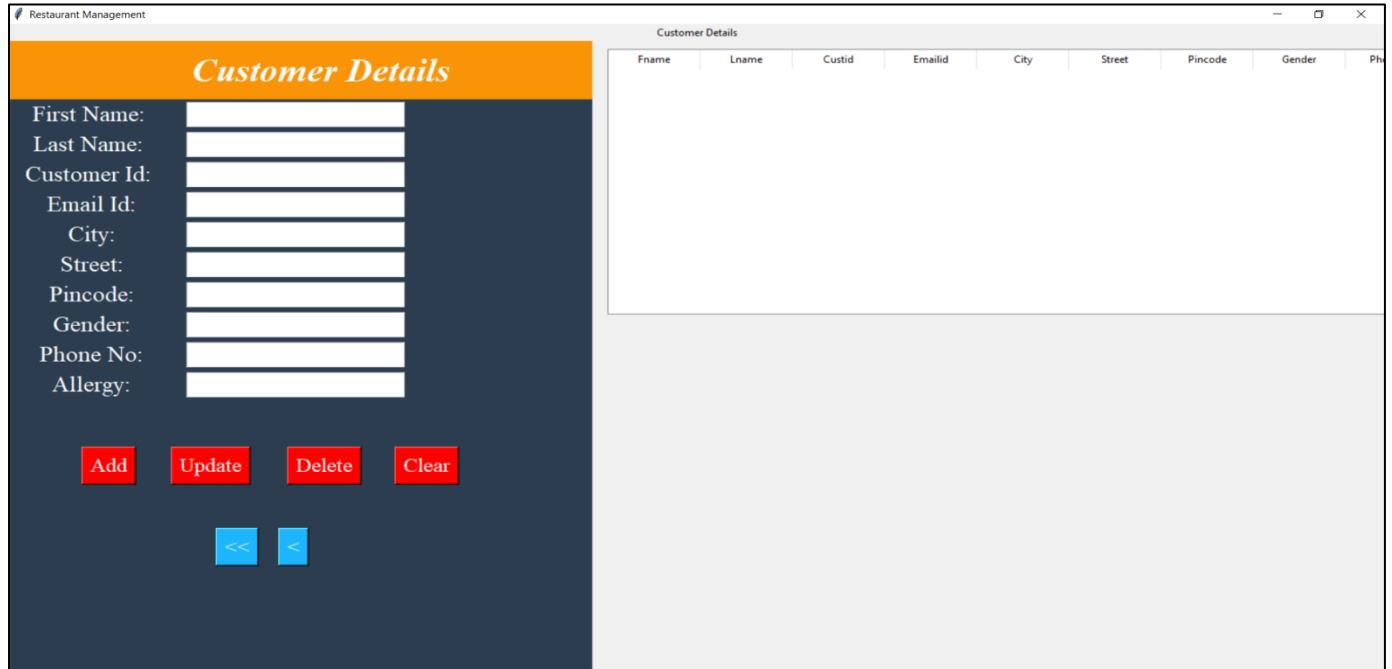


On selecting restaurant the following page opens and user can select any of the following to manipulate the respective data.

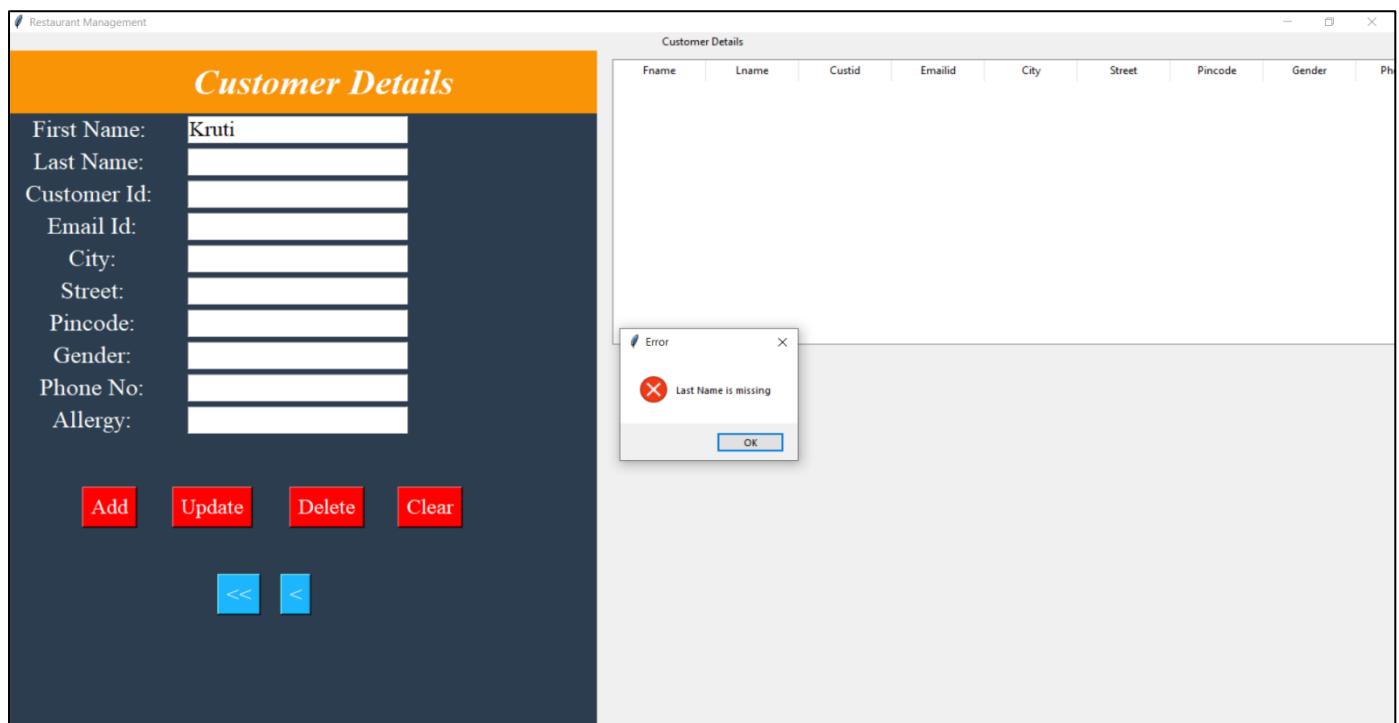


# CUSTOMER:

On clicking customer the following GUI window opens, where user can add update delete the data and few buttons provided here.



Some of the constraint violations leads to raise error when trying to add, update or delete.



**Customer Details**

First Name:	Kruti
Last Name:	Pandy
Customer Id:	100
Email Id:	
City:	
Street:	
Pincode:	
Gender:	
Phone No:	
Allergy:	

**Add    Update    Delete    Clear**

<<    <

**Error**  
Email ID must contain @ and .com only once  
OK

**Customer Details**

First Name:	Kruti
Last Name:	Pandy
Customer Id:	100
Email Id:	kruti@gmail
City:	
Street:	
Pincode:	
Gender:	
Phone No:	
Allergy:	

**Add    Update    Delete    Clear**

<<    <

**Error**  
Email ID must contain @ and .com only once  
OK

**Customer Details**

First Name:	Kruti
Last Name:	Pandy
Customer Id:	100
Email Id:	kruti@gmail.com
City:	Ahmedabad
Street:	paldi
Pincode:	41
Gender:	
Phone No:	
Allergy:	

**Add    Update    Delete    Clear**

<<    <

**Error**  
Pincode should be atleast 6 digits  
OK

Restaurant Management

### Customer Details

First Name:	Kruti
Last Name:	Pandya
Customer Id:	100
Email Id:	kruti@gmail.com
City:	Ahmedabad
Street:	paldi
Pincode:	380007
Gender:	6
Phone No:	
Allergy:	

Add    Update    Delete    Clear

<<    <

Customer Details

Fname	Lname	Custid	Emailid	City	Street	Pincode	Gender	Ph

Error

Gender should be only F, M, O

OK

Restaurant Management

### Customer Details

First Name:	Kruti
Last Name:	Pandya
Customer Id:	100
Email Id:	kruti@gmail.com
City:	Ahmedabad
Street:	paldi
Pincode:	380007
Gender:	F
Phone No:	74152
Allergy:	

Add    Update    Delete    Clear

<<    <

Customer Details

Fname	Lname	Custid	Emailid	City	Street	Pincode	Gender	Ph

Error

Phone no should of 10 digits only

OK

Restaurant Management

### Customer Details

First Name:	Kruti7854
Last Name:	Pandya
Customer Id:	100
Email Id:	kruti@gmail.com
City:	Ahmedabad
Street:	paldi
Pincode:	380007
Gender:	F
Phone No:	74152
Allergy:	

Add    Update    Delete    Clear

<<    <

Customer Details

Fname	Lname	Custid	Emailid	City	Street	Pincode	Gender	Ph

Error

First Name can't contain Numbers or special characters

OK

Add operation executed successfully.

Restaurant Management

### Customer Details

Fname	Lname	Custid	Emailid	City	Street	Pincode	Gender	Phoneno	Allergy
KANISHA	SHAH	1	shahkani@gmail.com	Ahmedabad	Rajpur	380007	F	9512990798	xyz
Meet	Vora	2	meet@gmail.com	Surat	paldi	380005	M	8541236975	Null
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

First Name: Kruti  
Last Name: Pandya  
Customer Id: 100  
Email Id: kruti@gmail.com  
City: Ahmedabad  
Street: paldi  
Pincode: 380007  
Gender: F  
Phone No: 9512990798  
Allergy:

Add    Update    Delete    Clear

<<    <

Restaurant Management

### Customer Details

Fname	Lname	Custid	Emailid	City	Street	Pincode	Gender	Phoneno	Allergy
Kanisha	Shah	1	kanii@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null
Meet	Vora	2	meet@gmail.com	Ahmedabad	Gota	380009	M	8541263798	Null
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

First Name: Meet  
Last Name: Vora  
Customer Id: 20  
Email Id: meet@gmail.com  
City: Ahmedabad  
Street: Gota  
Pincode: 380009  
Gender: M  
Phone No: 8541263798  
Allergy:

Add    Update    Delete    Clear

<<    <

Error

Customer ID doesn't exist

OK

As you can see the update has been made in the MySQL workspace.

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'File', 'Edit', 'View', 'Query', 'Database', 'Server', 'Tools', 'Scripting', and 'Help' are visible. The 'Navigator' pane on the left lists schemas like 'employee', 'expensetracker', 'mydatabase', and 'restaurant\_management'. Under 'Tables', it lists 'chef', 'current', 'customer', 'delivery', 'drinks', 'food', 'order', and 'payment'. The 'SQL File 4\*' tab contains the query: 'select \* from restaurant\_management.customer;'. The 'Result Grid' shows the following data:

Fname	Lname	Custid	EmailId	City	Street	Pincode	Gender	PhoneNo	Allergy
Kanisha	Shah	1	kani@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null
Meet	Vora	2	meet@gmail.com	Ahmedabad	Gota	380009	M	8541263798	Null
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

The 'customer 2' tab shows the output of the query: 'select \* from restaurant\_management.customer;'. It displays the message '3 row(s) returned' and a duration of '0.000 sec / 0.000 sec'.

Updated the name of Meet Vora to Meet Sheth

The screenshot shows a 'Customer Details' application window. On the left, there is a form with fields for First Name, Last Name, Customer Id, Email Id, City, Street, Pincode, Gender, Phone No., and Allergy. The 'First Name' field contains 'Meet' and the 'Last Name' field contains 'Sheth'. Below the form are four buttons: 'Add', 'Update', 'Delete', and 'Clear'. To the right of the form is a table titled 'Customer Details' with the following data:

Fname	Lname	Custid	EmailId	City	Street	Pincode	Gender	PhoneNo
Kanisha	Shah	1	kani@gmail.com	Ahmedabad	paldi	380007	F	9512990798
Meet	Sheth	2	meet@gmail.com	Ahmedabad	Gota	380009	M	8541263798
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798

## Delete operation , Meet Sheth's record has been deleted

**Customer Details**

First Name:	Meet
Last Name:	Sheth
Customer Id:	2
Email Id:	meet@gmail.com
City:	Ahmedabad
Street:	Gota
Pincode:	380009
Gender:	M
Phone No:	8541263798
Allergy:	

<< <

Fname	Lname	Custid	EmailId	City	Street	Pincode	Gender	Phoneno
Kanisha	Shah	1	kanii@gmail.com	Ahmedabad	paldi	380007	F	9512990798
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798

**MySQL Workbench**

File Edit View Query Database Server Tools Scripting Help

**Navigator:**

- SCHEMAS
  - employee
  - expensetracker
  - mydatabase
  - restaurant\_management
- Tables
  - chef
  - cuisine
  - customer
  - delivery
  - drinks
  - employee
  - food
  - order
  - payment
- Views
- Stored Procedures
- Functions
- sakila
- sys
- world

**SQL File 4\***

```
1 • select * from restaurant_management.customer;
```

**Result Grid**

Fname	Iname	custid	emailid	city	street	pincode	gender	phoneno	allergy
Kanisha	Shah	1	kanii@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

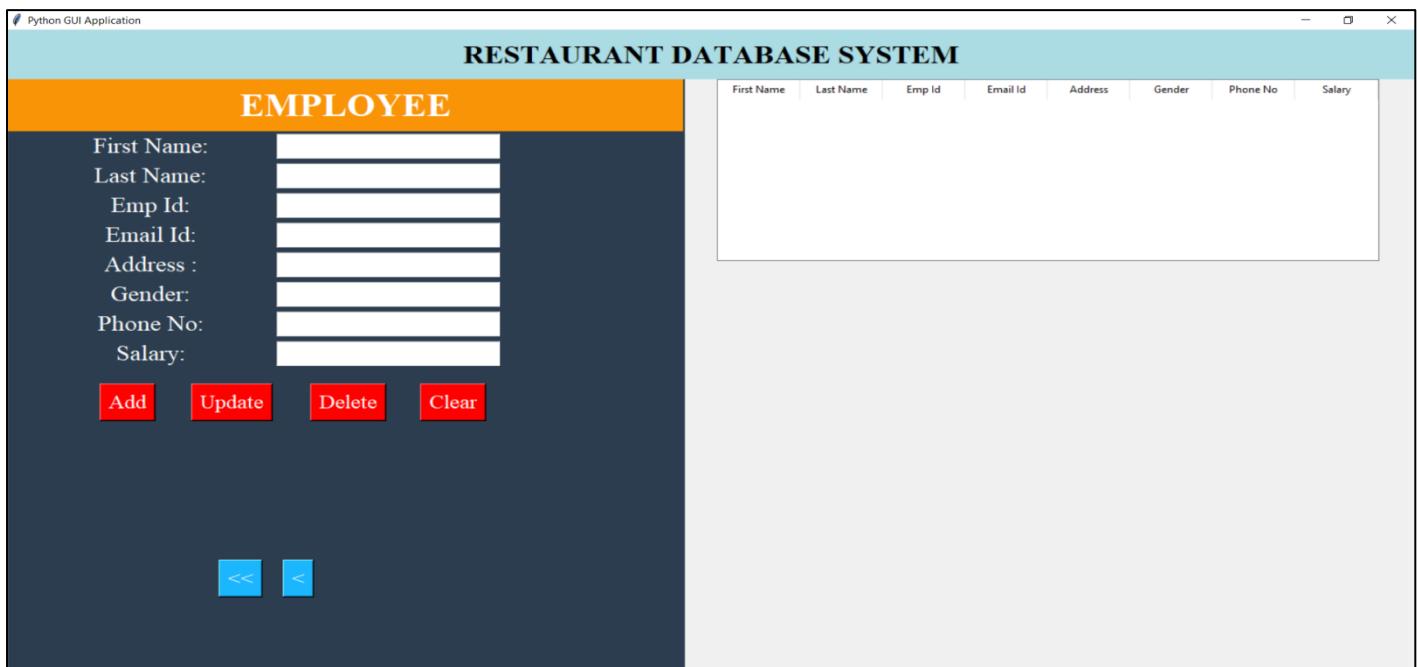
**customer 3**

**Action Output**

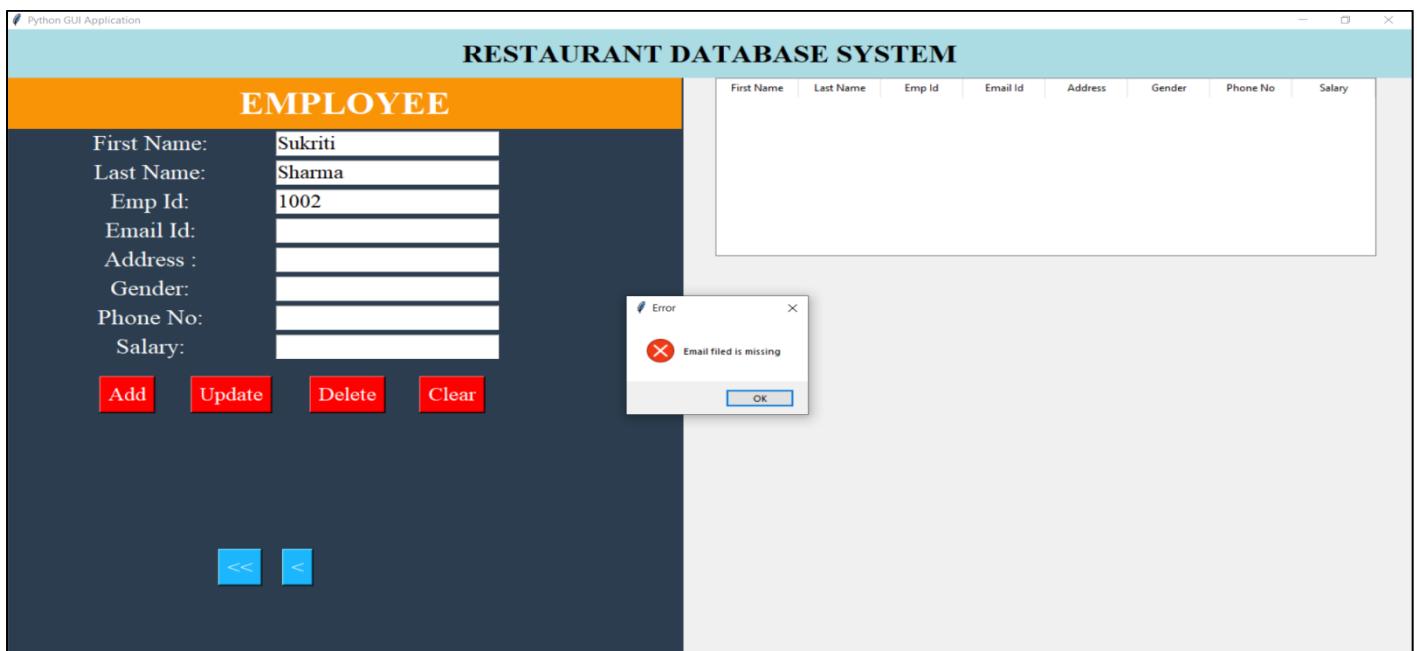
#	Time	Action	Message	Duration / Fetch
1	18:45:51	select * from restaurant_management.customer	3 row(s) returned	0.000 sec / 0.000 sec
2	18:48:14	select * from restaurant_management.customer	2 row(s) returned	0.000 sec / 0.000 sec

**Object Info Session**

# EMPLOYEE:



## Constraint violation



Python GUI Application

## RESTAURANT DATABASE SYSTEM

### EMPLOYEE

First Name: Sukriti  
Last Name: Sharma  
Emp Id: 1002  
Email Id: sukriti@g  
Address :  
Gender:  
Phone No:  
Salary:

Add    Update    Delete    Clear

First Name	Last Name	Emp Id	Email Id	Address	Gender	Phone No	Salary

Error

Email ID must contain @ and .com only once

<< <

The screenshot shows a Python GUI application titled "RESTAURANT DATABASE SYSTEM". The main window has a dark blue background and an orange header bar with the title "EMPLOYEE". On the left, there is a vertical list of employee details with input fields:

- First Name: Sukriti
- Last Name: Sharma
- Emp Id: 1002
- Email Id: sukriti@gmail.com
- Address : paldi
- Gender: Fp
- Phone No:
- Salary:

Below these fields are four red buttons labeled "Add", "Update", "Delete", and "Clear". At the bottom of the main window are two blue navigation arrows pointing left and right. A secondary window titled "Error" is displayed in the center, showing a red exclamation mark icon and the message "Gender filed must be F or M or O".

The screenshot shows a Python GUI application window titled "Python GUI Application". The main title bar is "RESTAURANT DATABASE SYSTEM". The application has a dark blue background. On the left, there is a yellow header bar with the text "EMPLOYEE". Below it, there is a form with the following fields:

- First Name:
- Last Name:
- Emp Id:
- Email Id:
- Address :
- Gender:
- Phone No:
- Salary:

Below the form are four red buttons: "Add", "Update", "Delete", and "Clear". At the bottom left are two blue navigation buttons: '<<' and '<'. On the right side of the main window, there is a table with columns: First Name, Last Name, Emp Id, Email Id, Address, Gender, Phone No, and Salary. The "Salary" column is currently empty. A small error dialog box is overlaid on the main window, titled "Error", with the message "Salary filed is missing" and an "OK" button.

Python GUI Application

### RESTAURANT DATABASE SYSTEM

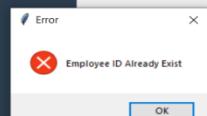
EMPLOYEE		Employee Details													
First Name:	Sukriti	Last Name:		Emp Id:		Email Id:		Address:		Gender:		Phone No:		Salary:	
First Name:	Sukriti	Last Name:	Sharma	Emp Id:	1002	Email Id:	sukriti@gmail.com	Address :	paldi	Gender:	F	Phone No:	8451269752	Salary:	10000
<b>Add</b>		<b>Update</b>		<b>Delete</b>		<b>Clear</b>									
<<		<													



Python GUI Application

### RESTAURANT DATABASE SYSTEM

EMPLOYEE		Employee Details													
First Name:	Sukriti	Last Name:		Emp Id:		Email Id:		Address:		Gender:		Phone No:		Salary:	
First Name:	Sukriti	Last Name:	Sharma	Emp Id:	1002	Email Id:	sukriti@gmail.com	Address :	paldi	Gender:	F	Phone No:	8451269752	Salary:	10000
<b>Add</b>		<b>Update</b>		<b>Delete</b>		<b>Clear</b>									
<<		<													



Added the information in database

Python GUI Application

### RESTAURANT DATABASE SYSTEM

EMPLOYEE		Employee Details													
First Name:	Sukriti	Last Name:	lavine	Emp Id:	adam@gmail.co	Email Id:	Bangalore	Address:	9980594577	Gender:	M	Phone No:	50000	Salary:	
First Name:	Sukriti	Last Name:	lavine	Emp Id:	chris@gmail.co	Email Id:	adugodi	Address:	9844038540	Gender:	M	Phone No:	40000	Salary:	
Last Name:	Sharma	Emp Id:	martin	Email Id:	alewx@gmail.co	Address:	girinagar	Gender:	9611747941	Phone No:	M	Phone No:	35000	Salary:	
Emp Id:	1010	Emp Id:	wasabi	Email Id:	abby@gmail.co	Address:	kengeri	Gender:	9248289899	Phone No:	F	Phone No:	60000	Salary:	
Email Id:	sukriti@gmail.com	Address :	lee	Email Id:	briana@gmail.co	Address:	jayanagar	Gender:	8861360860	Phone No:	F	Phone No:	50000	Salary:	
Address :	paldi	Gender:	lodge	Address :	solano	Gender:	double road	Phone No:	9483960975	Phone No:	F	Phone No:	40000	Salary:	
Gender:	F	Phone No:	ava	Gender:	anderson	Phone No:	kh road	Salary:	7486911232	Salary:	F	Salary:	60000	Salary:	
Phone No:	8451269752	Salary:	raksha	Phone No:	remash	Salary:	raksha@gmail.co	Address:	9835383461	Address:	F	Address:	70000	Address:	
Salary:	10000		Kanisha	Salary:	Shah	Address:	Shah	Gender:	9512990798	Gender:	F	Gender:	230000	Gender:	
<b>Add</b>		<b>Update</b>		<b>Delete</b>		<b>Clear</b>									
<<		<													

First Name	Last Name	Emp Id	Email Id	Address	Gender	Phone No	Salary
1000	adam	lavine	adam@gmail.co	Bangalore	9980594577	M	50000
1001	chris	martin	chris@gmail.co	Adugodi	9844038540	M	40000
1002	alex	wasabi	alewx@gmail.co	girinagar	9611747941	M	35000
1003	abby	lee	abby@gmail.co	kengeri	9248289899	F	60000
1004	briana	lodge	briana@gmail.co	jayanagar	8861360860	F	50000
1005	maria	solano	maria@gmail.co	double road	9483960975	F	40000
1006	ava	anderson	ava@gmail.co	kh road	7486911232	F	60000
1007	raksha	remash	raksha@gmail.co	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.co	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.co	navrangpura	9825631402	F	10205

## Last name changed to Godaliya using Update

Python GUI Application

### RESTAURANT DATABASE SYSTEM

First Name	Last Name	Emp Id	Email Id	Address	Gender	Phone No	Salary
1001	chris	martin	chris@gmail.co	Adugodi	9844038540	M	40000
1002	alex	wasabi	alexw@gmail.co	girinagar	9611747941	M	35000
1003	abby	lee	abby@gmail.co	kengeri	9248289899	F	60000
1004	briana	lodge	briana@gmail.co	jayanagar	8861360860	F	50000
1005	maria	solano	maria@gmail.co	double road	9483960975	F	40000
1006	ava	anderson	ava@gmail.co	kh road	7486911232	F	60000
1007	raksha	remash	raksha@gmail.co	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.co	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.co	navrangpura	9825631402	F	10205
1010	Sukriti	Sharma	sukriti@gmail.co	paldi	8451269752	F	10000

**EMPLOYEE**

First Name:

Last Name:

Emp Id:

Email Id:

Address :

Gender:

Phone No:

Salary:

**Add**   **Update**   **Delete**   **Clear**

<<   <

Python GUI Application

### RESTAURANT DATABASE SYSTEM

First Name	Last Name	Emp Id	Email Id	Address	Gender	Phone No	Salary
1001	chris	martin	chris@gmail.co	Adugodi	9844038540	M	40000
1002	alex	wasabi	alexw@gmail.co	girinagar	9611747941	M	35000
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1007	raksha	remash	raksha@gmail.co	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.co	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.co	navrangpura	9825631402	F	10205
1010	Sukriti	Godaliya	sukriti@gmail.co	paldi	8451269752	F	10000

**EMPLOYEE**

First Name:

Last Name:

Emp Id:

Email Id:

Address :

Gender:

Phone No:

Salary:

**Add**   **Update**   **Delete**   **Clear**

<<   <

# Reflection seen in the SQL workspace

This screenshot shows the MySQL Workbench interface with two windows side-by-side, both displaying the same query results.

The top window shows the results of the query:

```
1 • select * from restaurant_management.employee;
```

The results are displayed in a Result Grid:

empid	Fname	Iname	emailid	Address	phoneno	gender	salary
1000	adam	lavine	adam@gmail.com	Bangalore	9980594577	M	50000
1001	chris	martin	chris@gmail.com	Adugodi	9844038540	M	40000
1002	alex	wasabi	alexxw@gmail.com	girinagar	9611747941	M	35000
1003	abby	lee	abby@gmail.com	kengeri	9246289899	F	60000
1004	briana	lodge	briana@gmail.com	jayanagar	8861360860	F	50000
1005	maria	solano	maria@gmail.com	double road	9483960975	F	40000
1006	ava	anderson	ava@gmail.com	ih road	7486911232	F	60000
1007	raksha	remash	raksha@gmail.com	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.com	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.com	navrangpura	9825631402	F	10205
1010	Sukriti	Godalva	sukriti@gmail.com	paldi	9451269752	F	10000

The bottom window shows the history of actions:

#	Time	Action	Message	Duration / Fetch
3	19:24:11	select * from restaurant_management.employee	10 row(s) returned	0.016 sec / 0.000 sec
4	19:26:51	select * from restaurant_management.employee	11 row(s) returned	0.000 sec / 0.000 sec

This screenshot shows the MySQL Workbench interface with two windows side-by-side, both displaying the same query results.

The top window shows the results of the query:

```
1 • select * from restaurant_management.employee;
```

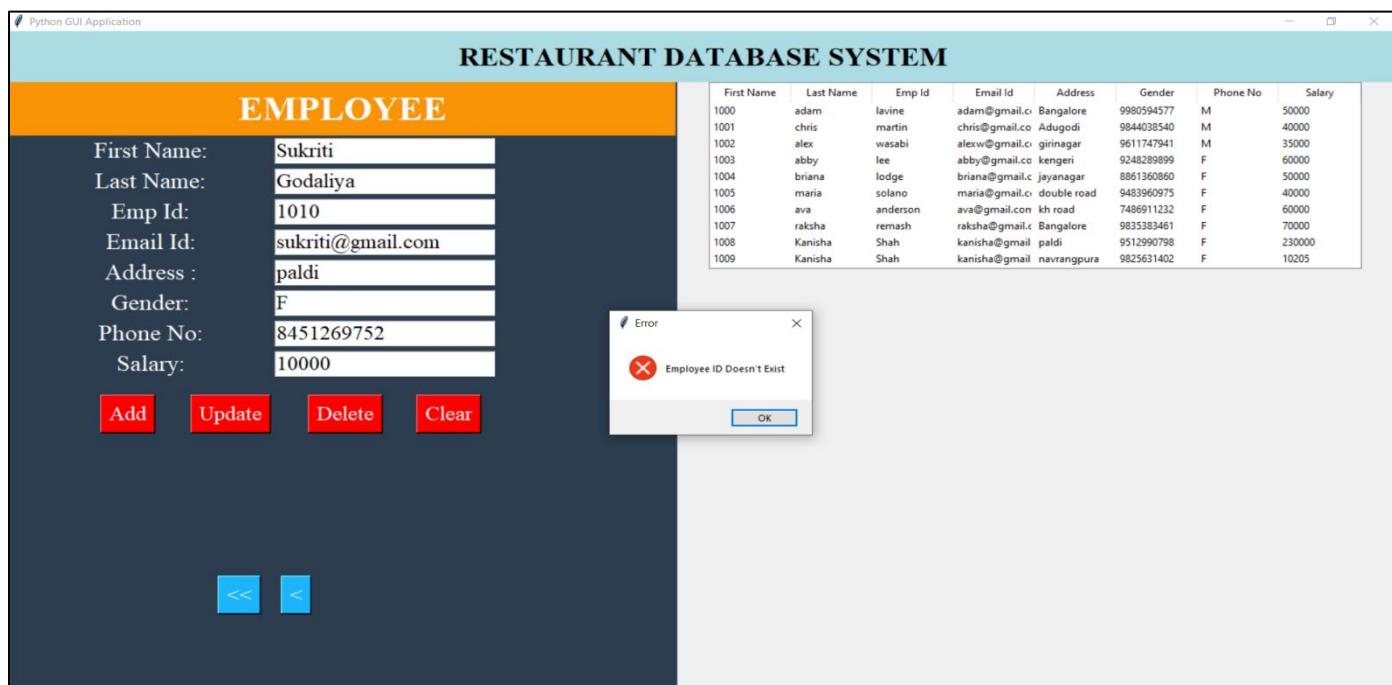
The results are displayed in a Result Grid:

empid	Fname	Iname	emailid	Address	phoneno	gender	salary
1000	adam	lavine	adam@gmail.com	Bangalore	9980594577	M	50000
1001	chris	martin	chris@gmail.com	Adugodi	9844038540	M	40000
1002	alex	wasabi	alexxw@gmail.com	girinagar	9611747941	M	35000
1003	abby	lee	abby@gmail.com	kengeri	9246289899	F	60000
1004	briana	lodge	briana@gmail.com	jayanagar	8861360860	F	50000
1005	maria	solano	maria@gmail.com	double road	9483960975	F	40000
1006	ava	anderson	ava@gmail.com	ih road	7486911232	F	60000
1007	raksha	remash	raksha@gmail.com	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.com	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.com	navrangpura	9825631402	F	10205

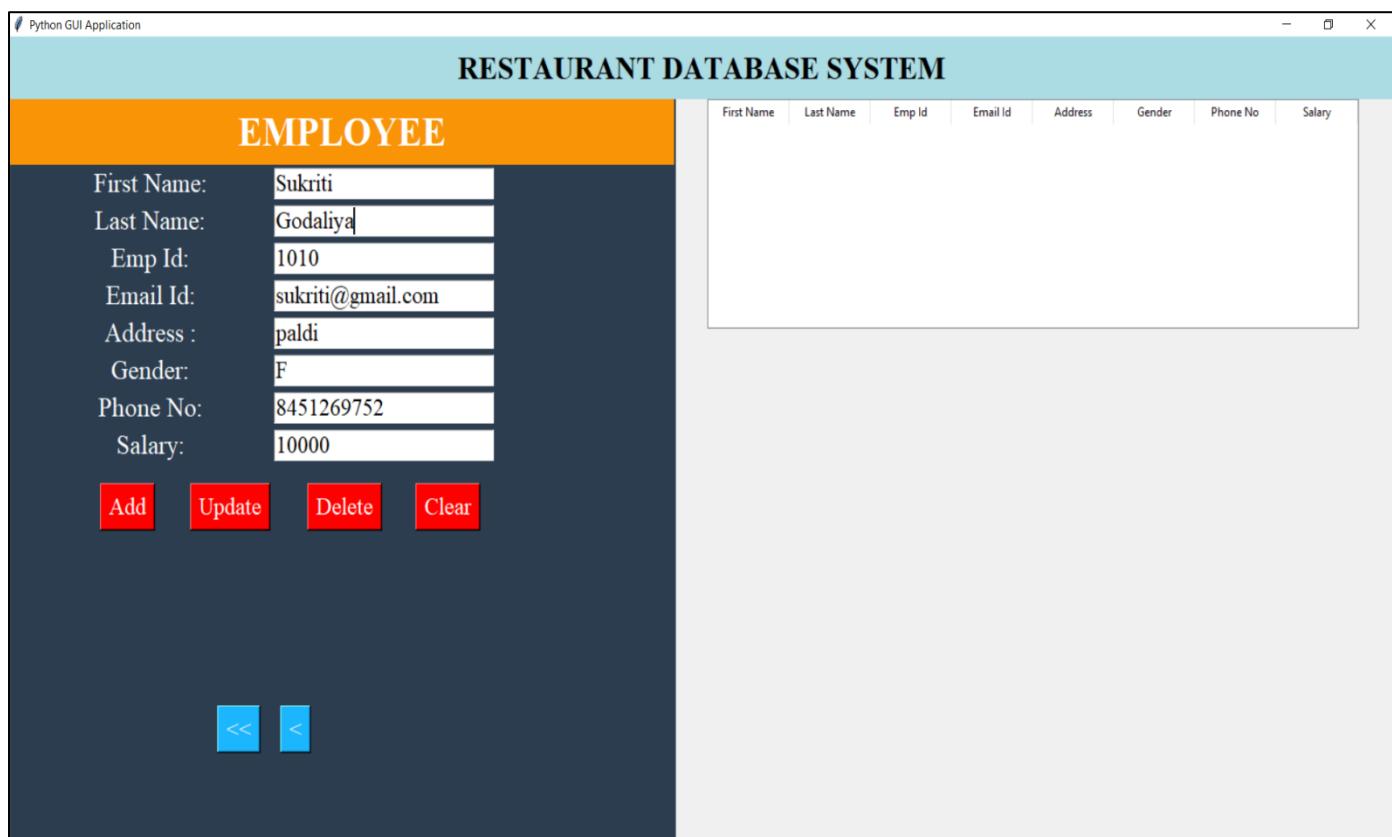
The bottom window shows the history of actions:

#	Time	Action	Message	Duration / Fetch
4	19:26:51	select * from restaurant_management.employee	11 row(s) returned	0.000 sec / 0.000 sec
5	19:27:37	select * from restaurant_management.employee	10 row(s) returned	0.000 sec / 0.000 sec

## 1010 ID DELETED SUCCESSFULLY, SO RAISES ERROR WHEN YOU TRY TO ACCESS



## CLEAR BUTTON CLEARS THE SCREEN



# CHEF:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

employee expensetracker mydatabase restaurant\_management

Tables: chef cuisine customer delivery drinks employee food order payment

Views Stored Procedures Functions

sakila sys world

SQL File 4\* | Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

1 • select \* from restaurant\_management.chef;

Chefid	Chefname	Address	phoneno	spec	empid	Emailid	salary
2	Kahan	paldi	9328543995	12	1000	kahan@gmail.com	1000
3	Meet	paldi	9852163472	15	1009	meet@gmail.com	1526
5	Arni	paldi	9512856352	10	1001	arni@gmail.com	20356

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

chef 8 | Action Output |

#	Time	Action	Message	Duration / Fetch
6	19:29:05	select * from restaurant_management.employee	10 row(s) returned	0.000 sec / 0.000 sec
7	19:36:10	select * from restaurant_management.chef	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Python GUI Application

### RESTAURANT DATABASE SYSTEM

#### CHEF

Chef Name: Stuti  
Chef Id:  
Emp Id:  
Email Id:  
Address :  
Spec:  
Phone No:  
Salary:

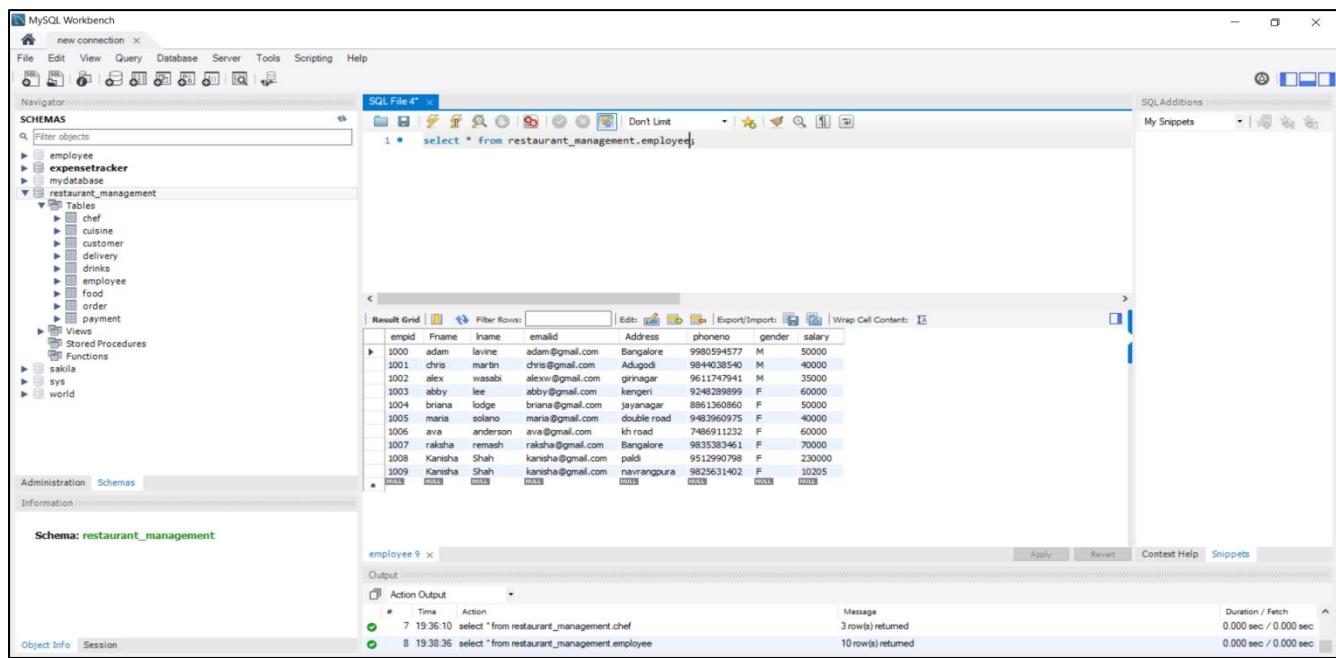
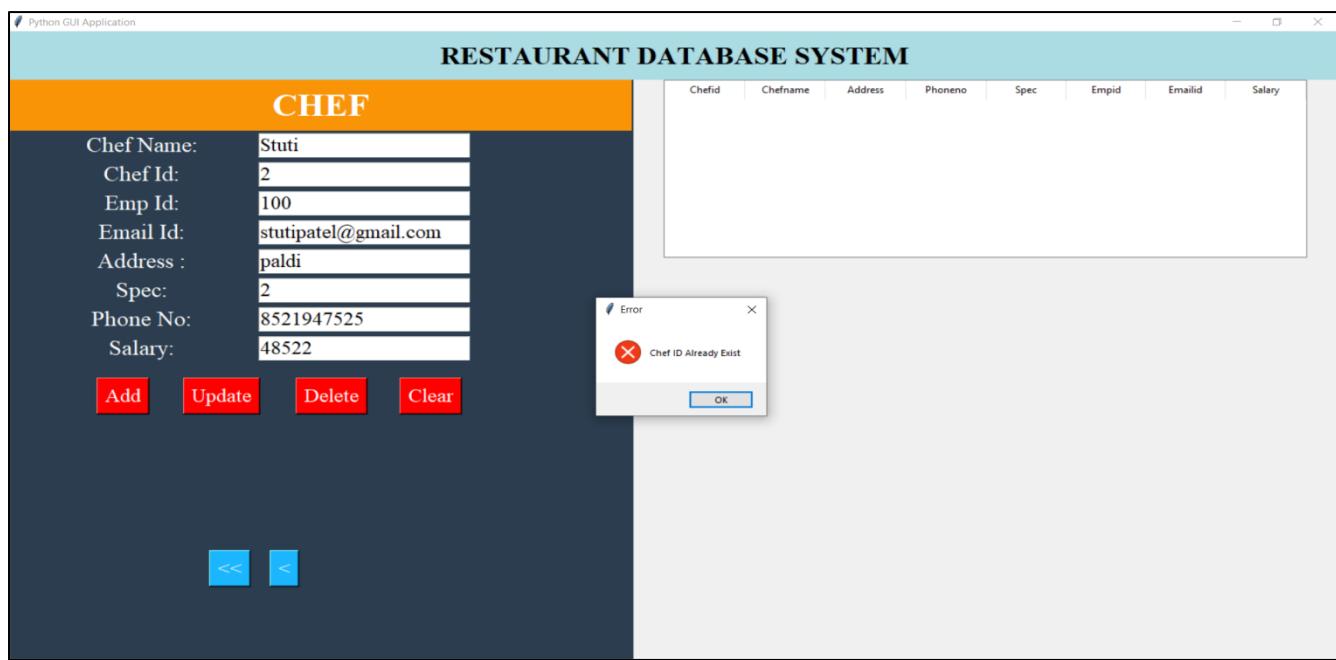
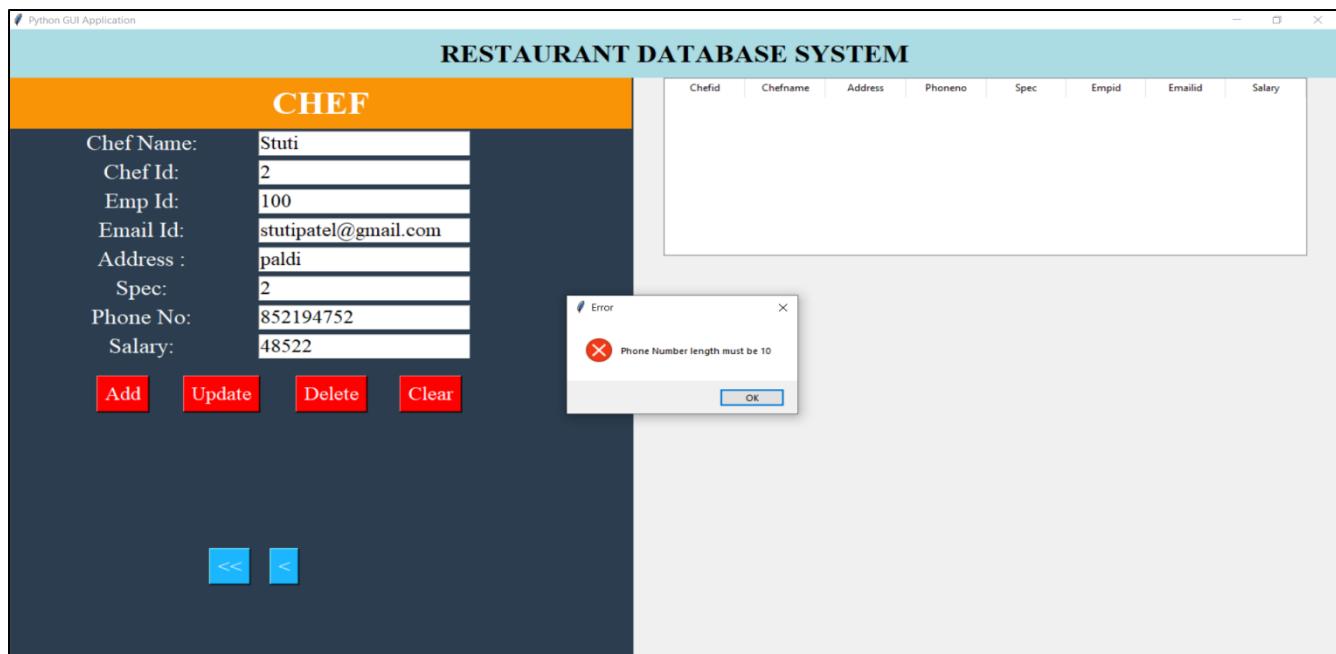
Add Update Delete Clear

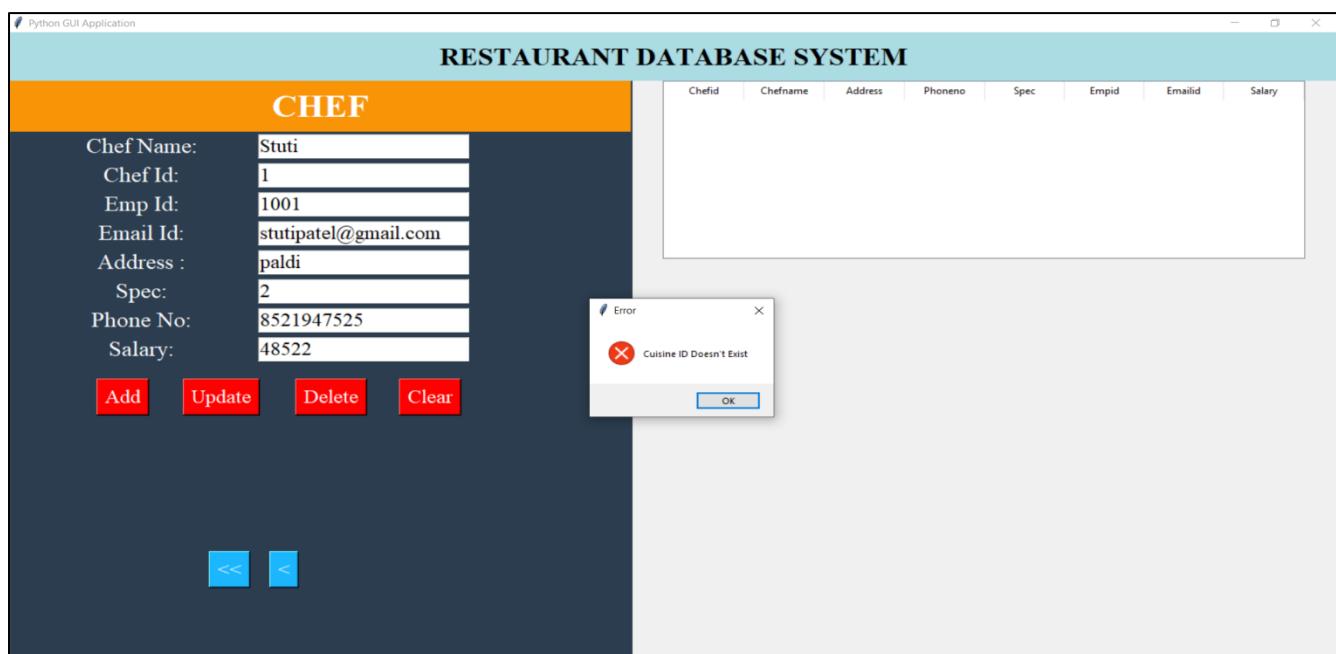
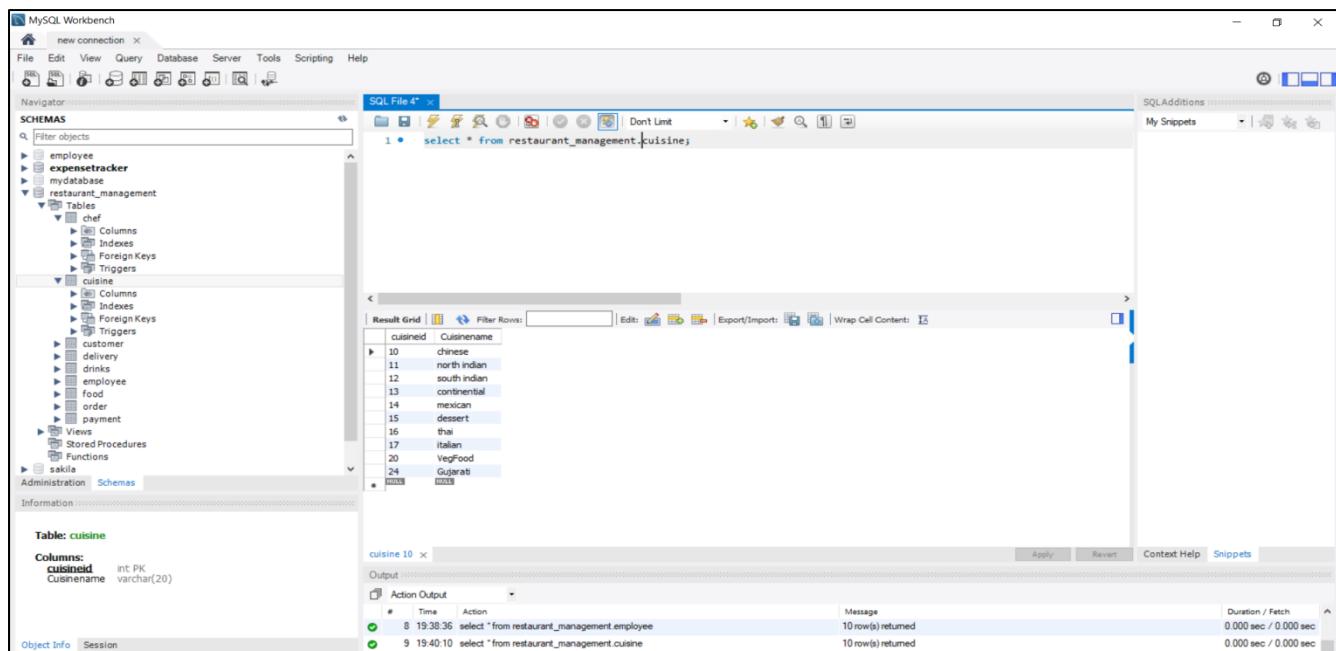
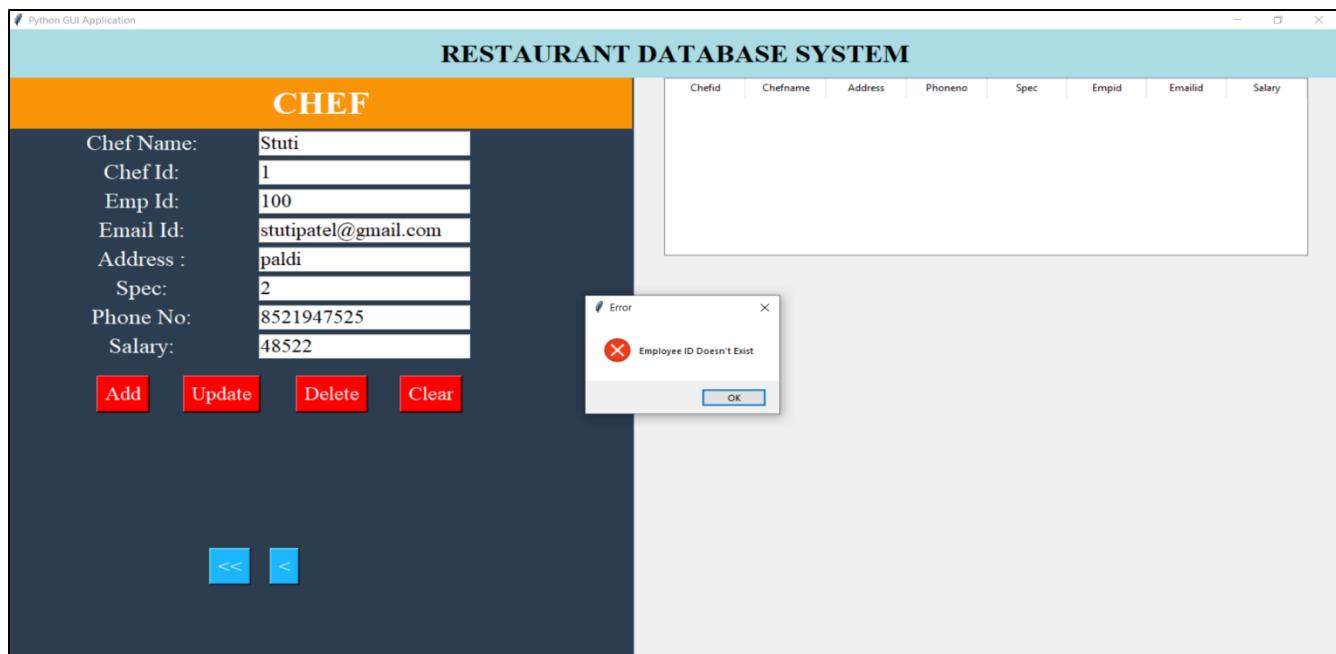
<< <

Error

Chef ID filed is missing

OK





Python GUI Application

### RESTAURANT DATABASE SYSTEM

#### CHEF

<p>Chef Name: <input type="text" value="Stuti"/></p> <p>Chef Id: <input type="text" value="1"/></p> <p>Emp Id: <input type="text" value="1001"/></p> <p>Email Id: <input type="text" value="stutipatel@gmail.com"/></p> <p>Address : <input type="text" value="paldi"/></p> <p>Spec: <input type="text" value="10"/></p> <p>Phone No: <input type="text" value="8521947525"/></p> <p>Salary: <input type="text" value="48522"/></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Chefid</th> <th>Chefname</th> <th>Address</th> <th>Phoneno</th> <th>Spec</th> <th>Empid</th> <th>Emailid</th> <th>Salary</th> </tr> </thead> <tbody> <tr><td>1</td><td>Stuti</td><td>paldi</td><td>8521947525</td><td>10</td><td>1001</td><td>stutipatel@gmail.com</td><td>48522</td></tr> <tr><td>2</td><td>Kahan</td><td>paldi</td><td>9328543995</td><td>12</td><td>1002</td><td>kahan@gmail.co</td><td>1000</td></tr> <tr><td>3</td><td>Meet</td><td>paldi</td><td>9852163472</td><td>15</td><td>1009</td><td>meet@gmail.co</td><td>1526</td></tr> <tr><td>5</td><td>Anvi</td><td>paldi</td><td>9512856352</td><td>10</td><td>1001</td><td>anvi@gmail.cor</td><td>20356</td></tr> </tbody> </table>	Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary	1	Stuti	paldi	8521947525	10	1001	stutipatel@gmail.com	48522	2	Kahan	paldi	9328543995	12	1002	kahan@gmail.co	1000	3	Meet	paldi	9852163472	15	1009	meet@gmail.co	1526	5	Anvi	paldi	9512856352	10	1001	anvi@gmail.cor	20356
Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary																																		
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5	Anvi	paldi	9512856352	10	1001	anvi@gmail.cor	20356																																		

**Add**    **Update**    **Delete**    **Clear**

<<<    <

Python GUI Application

### RESTAURANT DATABASE SYSTEM

#### CHEF

<p>Chef Name: <input type="text" value="Stuti"/></p> <p>Chef Id: <input type="text" value="1"/></p> <p>Emp Id: <input type="text" value="1001"/></p> <p>Email Id: <input type="text" value="stutipatel@gmail.com"/></p> <p>Address : <input type="text" value="Ghatlodiya"/></p> <p>Spec: <input type="text" value="10"/></p> <p>Phone No: <input type="text" value="8521947525"/></p> <p>Salary: <input type="text" value="48522"/></p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Chefid</th> <th>Chefname</th> <th>Address</th> <th>Phoneno</th> <th>Spec</th> <th>Empid</th> <th>Emailid</th> <th>Salary</th> </tr> </thead> <tbody> <tr><td>1</td><td>Stuti</td><td>Ghatlodiya</td><td>8521947525</td><td>10</td><td>1001</td><td>stutipatel@gmail.com</td><td>48522</td></tr> <tr><td>2</td><td>Kahan</td><td>paldi</td><td>9328543995</td><td>12</td><td>1002</td><td>kahan@gmail.co</td><td>1000</td></tr> <tr><td>3</td><td>Meet</td><td>paldi</td><td>9852163472</td><td>15</td><td>1009</td><td>meet@gmail.co</td><td>1526</td></tr> <tr><td>5</td><td>Anvi</td><td>paldi</td><td>9512856352</td><td>10</td><td>1001</td><td>anvi@gmail.cor</td><td>20356</td></tr> </tbody> </table>	Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary	1	Stuti	Ghatlodiya	8521947525	10	1001	stutipatel@gmail.com	48522	2	Kahan	paldi	9328543995	12	1002	kahan@gmail.co	1000	3	Meet	paldi	9852163472	15	1009	meet@gmail.co	1526	5	Anvi	paldi	9512856352	10	1001	anvi@gmail.cor	20356
Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary																																		
1	Stuti	Ghatlodiya	8521947525	10	1001	stutipatel@gmail.com	48522																																		
2	Kahan	paldi	9328543995	12	1002	kahan@gmail.co	1000																																		
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5	Anvi	paldi	9512856352	10	1001	anvi@gmail.cor	20356																																		

**Add**    **Update**    **Delete**    **Clear**

<<<    <

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS

- new connection
- employee
- mydumper
- mytracker
- restaurant\_management
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drinks
    - employee
    - food
    - order
    - payment
  - VIEWS
  - Stored Procedures
  - FUNCTIONS
- sakila

Administration Schemas Information

Table: **cuisine**

Columns:

<b>cuisinemd</b>	int PK
Cuisinename	varchar(20)

Object Info Session

SQL File 4\* ×

```
1 • select * from restaurant_management.chef
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Contents: |

chefid	Chefname	Address	phoneno	spec	empid	Emailid	salary
1	Stuti	Ghatlodiya	8521947525	10	1001	stutipatel@gmail.com	48522
2	Kahan	paldi	9328543995	12	1002	kahan@gmail.co	1000
3	Meet	paldi	9852163472	15	1009	meet@gmail.co	1526
5	Anvi	paldi	9512856352	10	1001	anvi@gmail.cor	20356

chef 11 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	19:40:10	select * from restaurant_management.cuisine	10 row(s) returned	0.000 sec / 0.000 sec
10	19:42:40	select * from restaurant_management.chef	4 row(s) returned	0.000 sec / 0.000 sec

Apply Revert Context Help Snippets

Python GUI Application

### RESTAURANT DATABASE SYSTEM

#### CHEF

<p>Chef Name: Stuti</p> <p>Chef Id: 1</p> <p>Emp Id: 1001</p> <p>Email Id: stutipatel@gmail.com</p> <p>Address : Ghatlodiya</p> <p>Spec: 10</p> <p>Phone No: 8521947525</p> <p>Salary: 48522</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Chefid</th> <th>Chefname</th> <th>Address</th> <th>Phoneno</th> <th>Spec</th> <th>Empid</th> <th>Emailid</th> <th>Salary</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Kahan</td> <td>paldi</td> <td>9328543995</td> <td>12</td> <td>1002</td> <td>kahan@gmail.co</td> <td>1000</td> </tr> <tr> <td>3</td> <td>Meet</td> <td>paldi</td> <td>9852163472</td> <td>15</td> <td>1009</td> <td>meet@gmail.co</td> <td>1526</td> </tr> <tr> <td>5</td> <td>Anvi</td> <td>paldi</td> <td>9512856352</td> <td>10</td> <td>1001</td> <td>anvi@gmail.co</td> <td>20356</td> </tr> </tbody> </table>	Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary	2	Kahan	paldi	9328543995	12	1002	kahan@gmail.co	1000	3	Meet	paldi	9852163472	15	1009	meet@gmail.co	1526	5	Anvi	paldi	9512856352	10	1001	anvi@gmail.co	20356
Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary																										
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3	Meet	paldi	9852163472	15	1009	meet@gmail.co	1526																										
5	Anvi	paldi	9512856352	10	1001	anvi@gmail.co	20356																										

**Add**    **Update**    **Delete**    **Clear**

<<<    <

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

- employee
- mydb
- mytracker
- mydatabase
- restaurant\_management
- Tables
  - chef
  - cuisine
  - customer
  - delivery
  - drinks
  - employee
  - food
  - order
  - payment
  - view
- Views
- Stored Procedures
- Functions

Information

Table: **cuisine**

Columns:

cuisined	int PK
Cuisinename	varchar(20)

Action Output

#	Time	Action	Message	Duration / Fetch
10	19:42:40	select * from restaurant_management.chef	4 row(s) returned	0.000 sec / 0.000 sec
11	19:43:12	select * from restaurant_management.chef	3 row(s) returned	0.000 sec / 0.000 sec

Python GUI Application

### RESTAURANT DATABASE SYSTEM

#### CHEF

<p>Chef Name: Stuti</p> <p>Chef Id: 1</p> <p>Emp Id: 1001</p> <p>Email Id: stutipatel@gmail.com</p> <p>Address : Ghatlodiya</p> <p>Spec: 10</p> <p>Phone No: 8521947525</p> <p>Salary: 48522</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Chefid</th> <th>Chefname</th> <th>Address</th> <th>Phoneno</th> <th>Spec</th> <th>Empid</th> <th>Emailid</th> <th>Salary</th> </tr> </thead> </table>	Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary
Chefid	Chefname	Address	Phoneno	Spec	Empid	Emailid	Salary		

**Add**    **Update**    **Delete**    **Clear**

<<<    <

# DELIVERY:

Restaurant Management

## Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add    Update    Delete    Clear

<<    <

Delivery Details					
DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date

Restaurant Management

## Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add    Update    Delete    Clear

<<    <

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27

Error

Delivery Name field is missing

OK

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Tables: delivery

SQL File 4\* | select \* from restaurant\_management.customer;

Fname	Iname	custid	emailid	city	street	pincode	gender	phoneno	allergy
Karisha	Shah	1	kani@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null
Kruti	Pandya	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

Table: delivery

Columns:

- Delid: int PK
- Delname: varchar(20)
- custid: int
- empid: int
- delcharge: int
- deldate: date

Action Output

#	Time	Action	Message	Duration / Fetch
12	19:46:39	select * from restaurant_management.payment	0 row(s) returned	0.000 sec / 0.000 sec
13	19:48:55	select * from restaurant_management.customer	2 row(s) returned	0.000 sec / 0.000 sec

Restaurant Management

## Delivery Details

Delivery Date: 2021/05/12

Delivery Id: 12

Delivery Name: Gujarati

Customer Id: 150

Employee Id: 10

Delivery Charge: 500

Add Update Delete Clear

<< <

Delivery Details

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27

Error

Customer ID Doesn't Exist

OK

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- employee
- expensetracker
- database
- restaurant\_management

Tables

- chef
- cuisine
- customer
- delivery
- drinks
- employee
- order
- payment

Result Grid

empid	Fname	Iname	emailid	Address	phoneno	gender	salary
1000	adam	lavine	adam@gmail.com	Bangalore	9980594577	M	50000
1001	chris	martin	chris@gmail.com	Adugodi	9845678901	M	40000
1002	deci	wasabi	deci.wasabi@gmail.com	gururaj	9412345679	M	35000
1003	abby	lee	abby@gmail.com	Kengeri	9240289899	F	60000
1004	briana	lodge	briana@gmail.com	Jayanagar	8861360860	F	50000
1005	maria	solano	maria@gmail.com	double road	9483960975	F	40000
1006	ava	anderson	ava@gmail.com	kh road	7486911232	F	60000
1007	raksha	remash	raksha@gmail.com	Bangalore	9835383461	F	70000
1008	Kanisha	Shah	kanisha@gmail.com	paldi	9512990798	F	230000
1009	Kanisha	Shah	kanisha@gmail.com	pavangpura	9825631402	F	10205

Action Output

#	Time	Action	Message	Duration / Fetch
13	19:48:55	select * from restaurant_management.customer	2 row(s) returned	0.000 sec / 0.000 sec
14	19:52:04	select * from restaurant_management.employee	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Restaurant Management

## Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add Update Delete Clear

<< <

Delivery Details

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27

Error

Employee ID Doesn't Exist

OK

Restaurant Management

## Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add Update Delete Clear

<< <

Delivery Details

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
12	Gujarati	100	1004	500	2021-05-12
15	Chinese	100	1009	8521	2021-04-27

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

SCHEMAS: employee, expedia-tracker, database, restaurant\_management

Tables: delivery

SQL File 4\* | Result Grid | Filter Rows: | Export/Import: | Wrap Cell Content: |

```
1 • select * from restaurant_management.delivery;
```

Delid	Delname	custid	empid	delcharge	deldate
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
12	Gujarati	100	1004	500	2021-05-12
15	Chinese	100	1009	8521	2021-04-27

Object Info Session

Table: delivery

Columns:

Delid	int PK
Delname	varchar(20)
custid	int
empid	int
delcharge	int
deldate	date

Action Output

#	Time	Action	Message	Duration / Fetch
14	19:52:04	select * from restaurant_management.employee	10 row(s) returned	0.000 sec / 0.000 sec
15	19:52:56	select * from restaurant_management.delivery	4 row(s) returned	0.000 sec / 0.000 sec

Restaurant Management

### Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add Update Delete Clear

<< <

Delivery Details

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
12	Gujarati	100	1007	500	2021-05-12
15	Chinese	100	1009	8521	2021-04-27

Restaurant Management

### Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add Update Delete Clear

<< <

Delivery Details

DeliveryId	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
10	PunjabiContinent	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SQL File 4\* SQL Additions: My Snippets

```
1 • select * from restaurant_management.delivery;
```

Result Grid | Filter Rows: | Edits: | Export/Import: | Wrap Cell Content: |

Delid	Delname	custid	empid	delcharge	deldate
10	PunjabiContinental	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27
*	NULL	NULL	NULL	NULL	NULL

Table: delivery

Columns:

Delid	int PK
Delname	varchar(20)
custid	int
empid	int
delcharge	int
deldate	date

Action Output

#	Time	Action	Message	Duration / Fetch
15	19:52:56	select * from restaurant_management.delivery	4 row(s) returned	0.000 sec / 0.000 sec
16	19:55:05	select * from restaurant_management.delivery	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Restaurant Management

## Delivery Details

Delivery Date:

Delivery Id:

Delivery Name:

Customer Id:

Employee Id:

Delivery Charge:

Add Update Delete Clear

<< <

Delivery Details

Deliveryid	Delivery Name	Customer Id	Employee Id	Delivery Charge	Delivery Date
------------	---------------	-------------	-------------	-----------------	---------------

# FOOD:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS

- employee
- expensetracker
- mydatabase
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drinks
    - employee
    - food
    - order
    - payment

SQL File 4\* x

1 • select \* from restaurant\_management.food;

Result Grid

foodid	foodname	price	quantity	cuisined	chefid
61	Maggi	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3

Administration Schemas Information

Table: delivery

Columns:

DelId	int PK
DelName	varchar(20)
CustId	int
EmpId	int
DelCharge	int
DelDate	date

Object Info Session

food 18 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
16	19:55:05	select * from restaurant_management.delivery	3 row(s) returned	0.000 sec / 0.000 sec
17	19:56:03	select * from restaurant_management.food	4 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions My Snippets

Restaurant Management

## Food Details

Food Id:

Food Name:

Price:

Quantity:

Cusine Id:

Chef Id:

Add  Update  Delete  Clear

<< <

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id
--------	-----------	-------	----------	-----------	---------

Restaurant Management

## Food Details

Food Id:	<input type="text" value="61"/>
Food Name:	<input type="text" value="Lasagne"/>
Price:	<input type="text" value="-95"/>
Quantity:	<input type="text"/>
Cusine Id:	<input type="text"/>
Chef Id:	<input type="text"/>

**Add**   **Update**   **Delete**   **Clear**

<<   <

**Error**

Price should only contain numbers

OK

Food Details

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id

Restaurant Management

## Food Details

Food Id:	<input type="text" value="61"/>
Food Name:	<input type="text" value="Lasagne"/>
Price:	<input type="text" value="950"/>
Quantity:	<input type="text" value="2"/>
Cusine Id:	<input type="text" value="9"/>
Chef Id:	<input type="text" value="1"/>

**Add**   **Update**   **Delete**   **Clear**

<<   <

**Error**

Food ID Already Exist

OK

Food Details

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

- employee
- expeditracker
- mydatabase
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drink
    - employee
    - food
    - order
    - payment

Administration Schemas

Information

Table: delivery

Columns:

DelId	int PK
DeName	varchar(20)
CmpId	int
DelCharge	int
DelDate	date

Object Info Session

SQL File 4\* x

```
1 • select * from restaurant_management.chef;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

chefid	ChefName	Address	PhoneNo	Spec	EmpId	EmailId	Salary
2	Kahan	paldi	9328543995	12	1002	kahan@gmail.com	1000
3	Meet	paldi	9852163472	15	1009	meet@gmail.com	1526
5	Anvi	paldi	9512856352	10	1001	anvi@gmail.com	2036

Action Output

#	Time	Action	Message	Duration / Fetch
18	20:09:14	select * from restaurant_management.cuisine	10 row(s) returned	0.000 sec / 0.000 sec
19	20:09:31	select * from restaurant_management.chef	3 row(s) returned	0.000 sec / 0.000 sec

Restaurant Management

## Food Details

Food Id:

Food Name:

Price:

Quantity:

Cusine Id:

Chef Id:

Add Update Delete Clear

<< <

Error

Chef ID Doesn't Exist

OK

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

- employee
- expeditracker
- mydatabase
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drink
    - employee
    - food
    - order
    - payment

Administration Schemas

Information

Table: delivery

Columns:

DelId	int PK
DeName	varchar(20)
CmpId	int
DelCharge	int
DelDate	date

Object Info Session

SQL File 4\* x

```
1 • select * from restaurant_management.cuisine;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

cuisined	CuisineName
10	chinese
11	north indian
12	south indian
13	continental
14	american
15	desert
16	thai
17	italian
20	VegFood
24	Gujarati

Action Output

#	Time	Action	Message	Duration / Fetch
19	20:09:31	select * from restaurant_management.chef	3 row(s) returned	0.000 sec / 0.000 sec
20	20:12:53	select * from restaurant_management.cuisine	10 row(s) returned	0.000 sec / 0.000 sec

The screenshot shows a Windows application window titled "Restaurant Management". The main title bar has a logo and the text "Restaurant Management". The main content area is titled "Food Details". It contains five input fields with labels: "Food Id:" (containing "66"), "Food Name:" (containing "Lasagne"), "Price:" (containing "950"), "Quantity:" (containing "2"), and "Cusine Id:" (containing "9"). Below these fields are four red buttons labeled "Add", "Update", "Delete", and "Clear". At the bottom are two blue navigation buttons labeled "<<" and "<". To the right of the main content is a "Food Details" table with columns: Foodid, Food Name, Price, Quantity, Cusine Id, and Chef Id. A modal dialog box titled "Error" is displayed, showing a red X icon and the message "Cuisine ID Doesn't Exist" with an "OK" button.

## Food Details

Food Id:

Food Name:

Price:

Quantity:

Cusine Id:

Chef Id:

Add Update Delete Clear

<< <

Food Details

FoodId	Food Name	Price	Quantity	Cusine Id	Chef Id
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3
66	Lasagne	950	2	10	2

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree, which includes the 'expensetracker' schema and its tables: chef, delivery, food, and fooditem. The 'food' table is currently selected. The main area features a SQL editor with the query: 'select \* from restaurant\_management.food'. Below it is a results grid showing the following data:

foodid	foodname	price	quantity	cuisined	chefid
61	Maggie	100	2	11	24
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3
66	Lasagne	950	2	10	2
NULL	NULL	NULL	NULL	NULL	NULL

The bottom pane shows the 'Output' tab of the 'food' connection, displaying the execution history of the previous query.

**Food Details**

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3
66	Lasagne	950	2	10	2

Food Id:  Food Name:  Price:  Quantity:  Cusine Id:  Chef Id:

Add Update Delete Clear

<< <

**Error**  
Food Name can't contain Numbers or special characters

**Food Details**

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3
66	Lasagne	1000	2	10	2

Food Id:  Food Name:  Price:  Quantity:  Cusine Id:  Chef Id:

Add Update Delete Clear

<< <

**MySQL Workbench**

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS: employee, expensetracker, mysql, restaurant\_management

Tables: chef, cuisine, customer, delivery, drink, employee, food, order, payment

SQL File 4\* | select \* from restaurant\_management.food

Result Grid: foodid, foodname, price, quantity, cusineid, chefid

foodid	foodname	price	quantity	cusineid	chefid
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3
66	Lasagne	1000	2	10	2

Table: delivery

Columns: Delid int PK, Delname varchar(20), Deladdr int, Empid int, Delcharge int, Deldate date

Object Info Session

Action Output: # Time Action Message Duration / Fetch

- 22 20:14:46 select \* from restaurant\_management.food 5 row(s) returned 0.000 sec / 0.000 sec
- 23 20:16:03 select \* from restaurant\_management.food 5 row(s) returned 0.000 sec / 0.000 sec

Restaurant Management

## Food Details

Food Id:	<input type="text" value="66"/>
Food Name:	<input type="text" value="Lasagne"/>
Price:	<input type="text" value="1000"/>
Quantity:	<input type="text" value="2"/>
Cusine Id:	<input type="text" value="10"/>
Chef Id:	<input type="text" value="2"/>

Add    Update    Delete    Clear

<<    <

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS: Filter objects

- employee
- mydb
- mytracker
- mydatabase
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drinks
    - employee
    - food
    - order
    - payment

SQL File 4\* x

```
1 • select * from restaurant_management.food;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Contents: |

foodid	foodname	price	quantity	cusineid	chefid
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Sandwich	150	3	10	2
65	Pizza	100	1	20	3

Table: delivery

Columns:

Delid	Delname	cuspid	capuid	delcharge	deldate

Action Output

#	Time	Action	Message	Duration / Fetch
23	20:16:03	select * from restaurant_management.food	5 row(s) returned	0.000 sec / 0.000 sec
24	20:16:59	select * from restaurant_management.food	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Restaurant Management

## Food Details

Food Id:	<input type="text" value="66"/>
Food Name:	<input type="text" value="Lasagne"/>
Price:	<input type="text" value="1000"/>
Quantity:	<input type="text" value="2"/>
Cusine Id:	<input type="text" value="10"/>
Chef Id:	<input type="text" value="2"/>

Add    Update    Delete    Clear

<<    <

Foodid	Food Name	Price	Quantity	Cusine Id	Chef Id

# DRINK:

Restaurant Management

## Drinks Details

Drink Id:

Drink Name:

Price:

Size:   
Small  
Medium  
Large

<< <

Drinkid	Drink Name	Price	Size

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas: new connection

Result Grid: select \* from restaurant\_management.drinks;

drinkid	Drink Name	price	Size
1	Coffee	100	Medium
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Foccal	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large
MUL	MUL	MUL	MUL

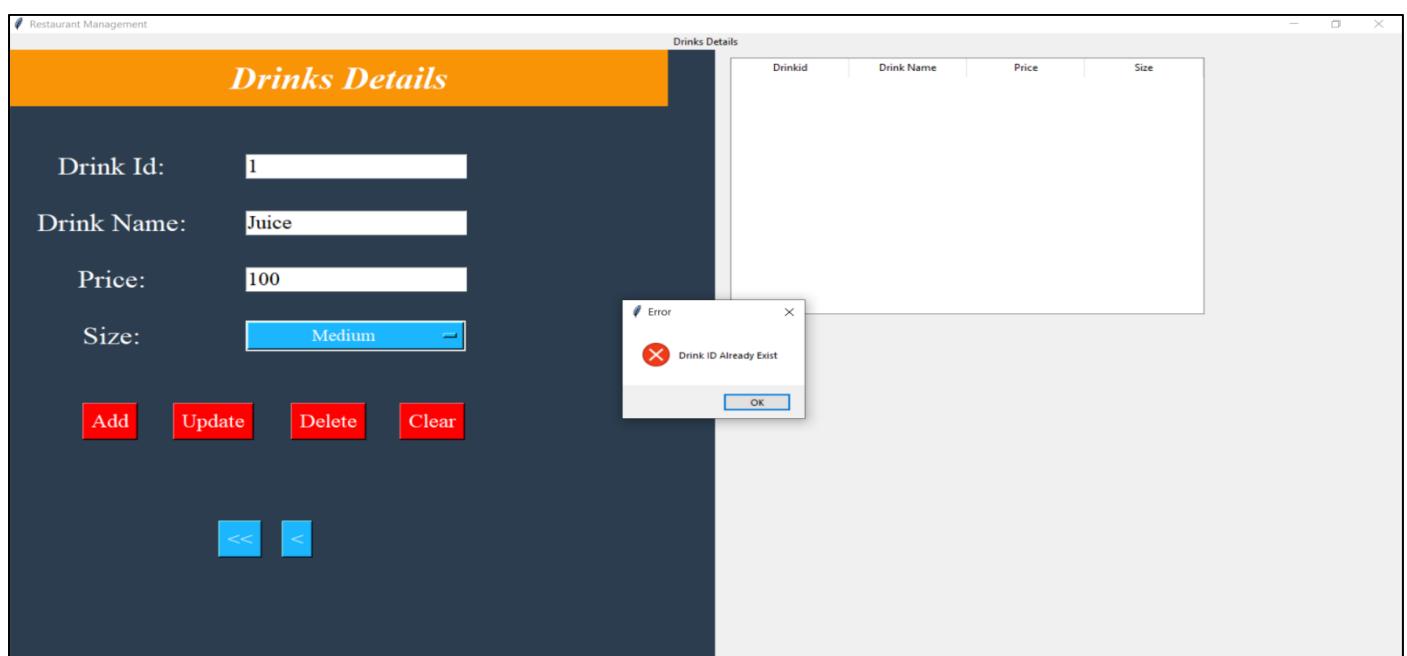
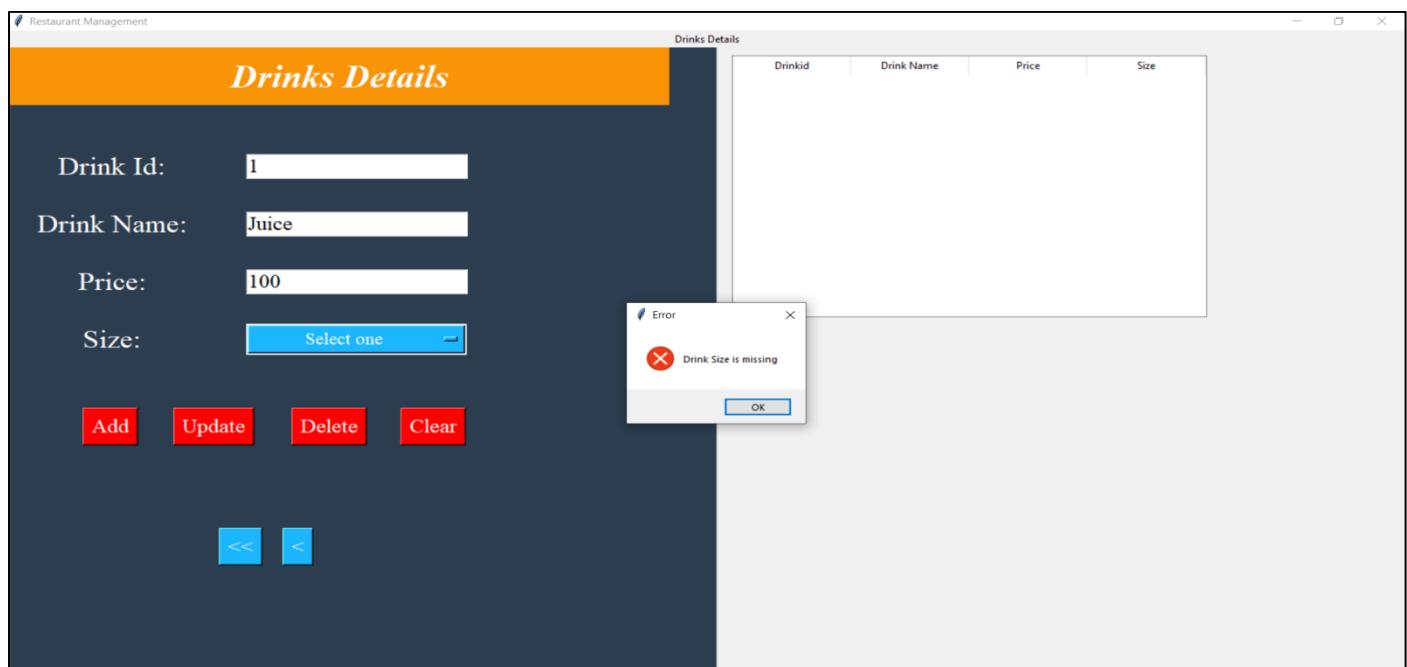
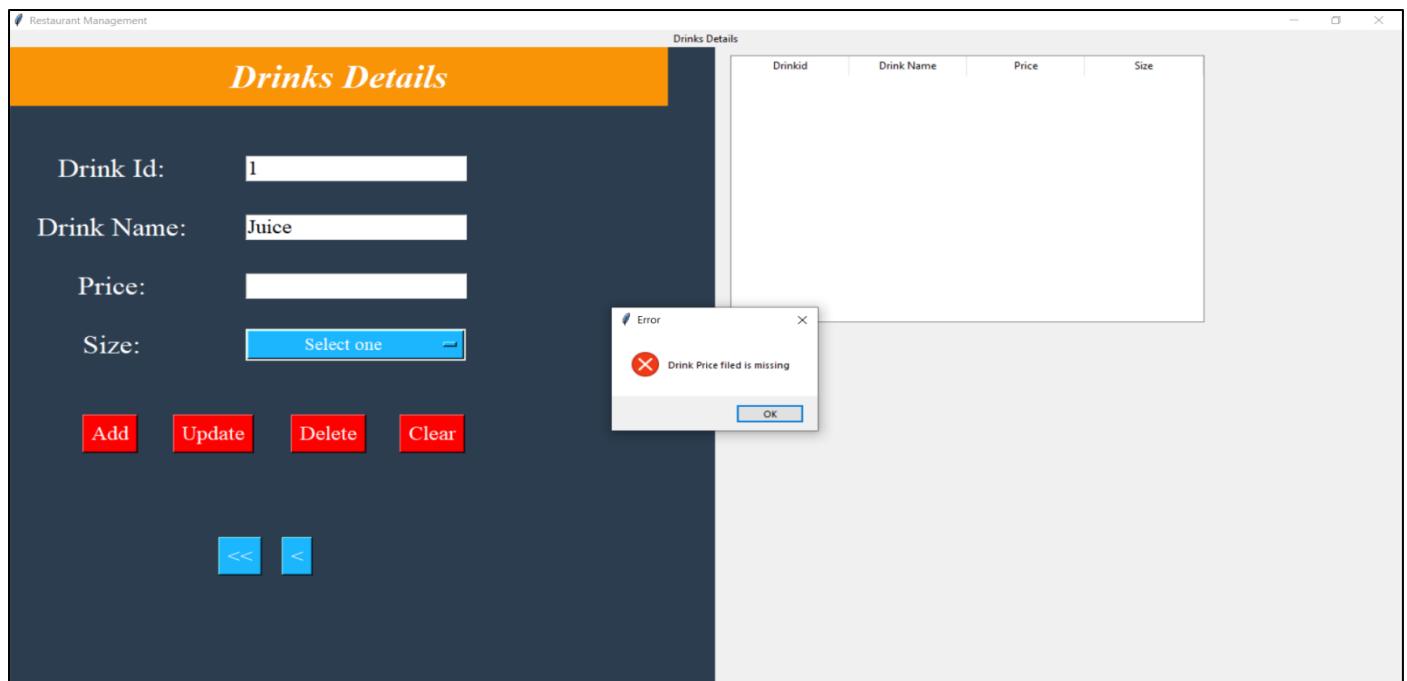
Table: delivery

Columns:

drinkid	int PK
Dename	varchar(20)
custid	int
empid	int
delcharge	int
deldate	date

Action Output:

#	Time	Action	Message	Duration / Fetch
24	20:16:59	select * from restaurant_management.food	4 row(s) returned	0.000 sec / 0.000 sec
25	20:20:59	select * from restaurant_management.drinks	15 row(s) returned	0.031 sec / 0.000 sec



Restaurant Management

## Drinks Details

Drink Id:	<input type="text" value="20"/>
Drink Name:	<input type="text" value="Juice"/>
Price:	<input type="text" value="100"/>
Size:	<input type="text" value="Medium"/>

<< <

Drinks Details

Drinkid	Drink Name	Price	Size
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large
20	Juice	100	Medium

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: new connection

SCHEMAS: employee, expensetracker, mysql, restaurant\_management

Tables: chef, delivery, customer, drink, food, order, payment

SQL File 4\*:

```
1 • select * from restaurant_management.drinks;
```

Result Grid: Don't Limit | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

drinkid	Dname	price	Size
1	Coffee	100	Medium
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large
20	Juice	100	Medium

drinks 27\*:

Action Output: # Time Action Message Duration / Fetch

#	Time	Action	Message	Duration / Fetch
25	20:20:59	select * from restaurant_management.drinks	15 row(s) returned	0.031 sec / 0.000 sec
26	20:23:31	select * from restaurant_management.drinks	16 row(s) returned	0.000 sec / 0.000 sec

Restaurant Management

## Drinks Details

Drink Id:	<input type="text" value="20"/>
Drink Name:	<input type="text" value="MocaCoco"/>
Price:	<input type="text" value="100"/>
Size:	<input type="text" value="Medium"/>

<< <

Drinks Details

Drinkid	Drink Name	Price	Size
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large
20	MocaCoco	100	Medium

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Tables: delivery, drinks, employee, food, order, payment

SQL File 4\*:

```
1 • select * from restaurant_management.drinks;
```

Result Grid:

drinkid	Dname	price	Size
1	Coffee	100	Medium
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large
20	Mocacoco	100	Medium

Information:

Table: delivery

Columns:

Delid	int PK
Delname	varchar(20)
cuspid	int
empid	int
delcharge	int
deldate	date

Action Output:

#	Time	Action	Message	Duration / Fetch
26	20:23:31	select * from restaurant_management.drinks	16 row(s) returned	0.000 sec / 0.000 sec
27	20:24:08	select * from restaurant_management.drinks	16 row(s) returned	0.016 sec / 0.000 sec

Restaurant Management

## Drinks Details

Drink Id:

Drink Name:

Price:

Size:

Add Update Delete Clear

<< <

Drinks Details

Drinkid	Drink Name	Price	Size
1	Coffee	100	Medium
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Tables: delivery, drinks, employee, food, order, payment

SQL File 4\*:

```
1 • select * from restaurant_management.drinks;
```

Result Grid:

drinkid	Dname	price	Size
1	Coffee	100	Medium
2	Mojito	250	Large
3	Chocolate Shake	200	Large
4	Lemonade	150	Small
5	Juice	100	Medium
6	Orange Juice	120	Large
10	Water	100	Medium
12	Hot Chocolate	120	Large
13	Coco	100	Medium
14	Cold Coco	100	Large
15	Mocca	120	Medium
16	Focai	100	Large
17	Coffee Mocha	120	Medium
18	Coffee Mocha	150	Large
19	Cold Drink	120	Large

Information:

Table: delivery

Columns:

Delid	int PK
Delname	varchar(20)
cuspid	int
empid	int
delcharge	int
deldate	date

Action Output:

#	Time	Action	Message	Duration / Fetch
27	20:24:08	select * from restaurant_management.drinks	16 row(s) returned	0.016 sec / 0.000 sec
28	20:24:36	select * from restaurant_management.drinks	15 row(s) returned	0.000 sec / 0.000 sec

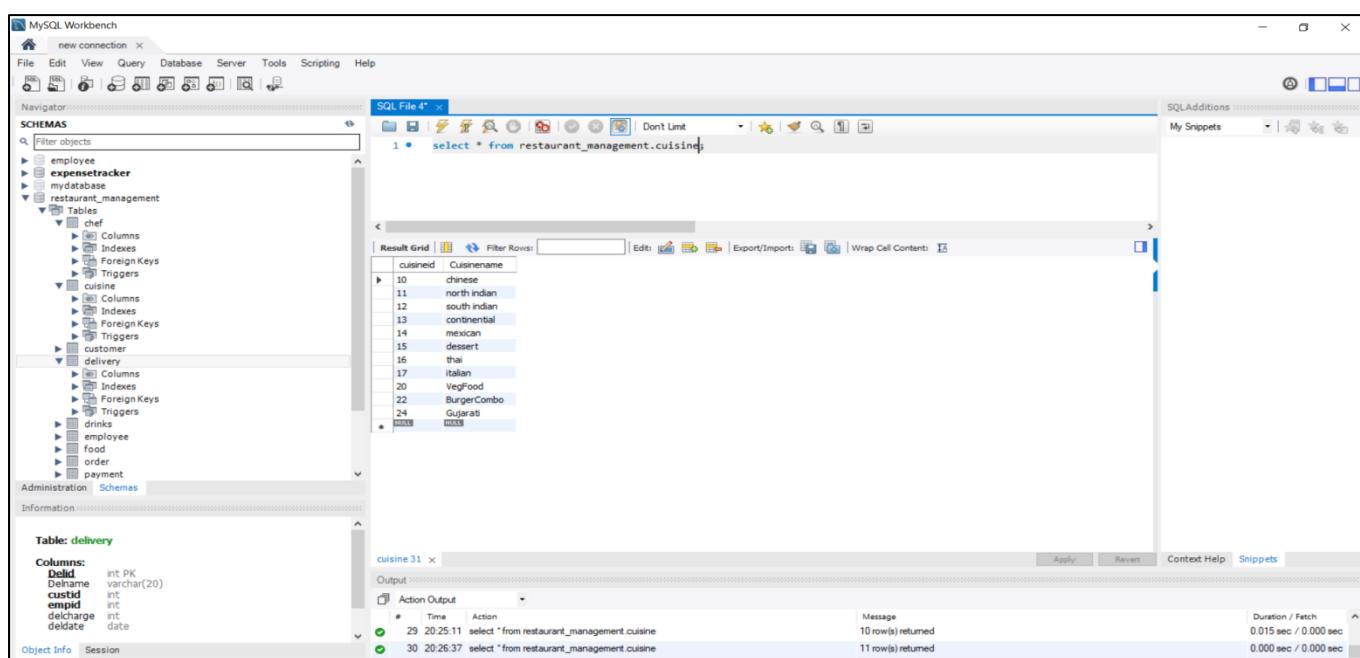
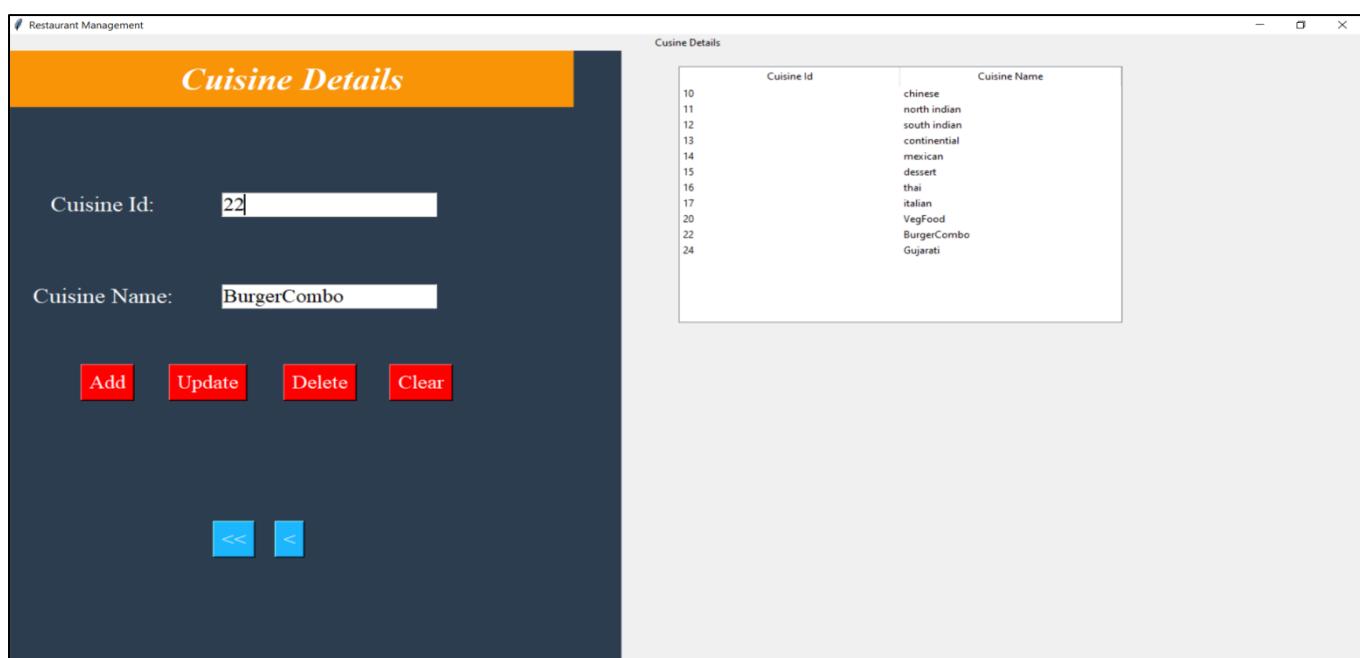
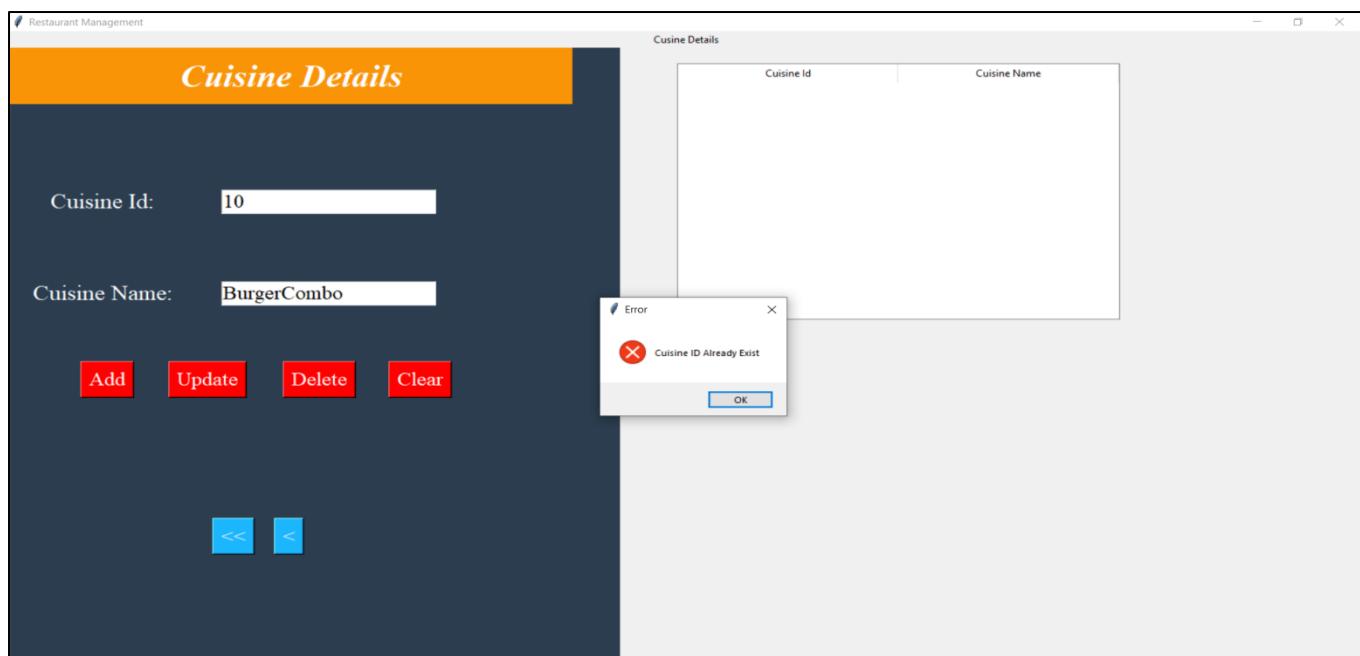
# CUISINE:

The screenshot shows the MySQL Workbench interface. In the left sidebar, under the 'SCHEMAS' section, the 'restaurant\_management' schema is selected. Within it, the 'Tables' section lists tables such as 'chef', 'cuisine', 'customer', 'delivery', 'drinks', 'employee', 'food', 'order', and 'payment'. A specific table, 'cuisine', is expanded to show its columns, indexes, foreign keys, and triggers. The main workspace displays a 'Result Grid' for the query `select * from restaurant_management.cuisine`. The results are as follows:

cuisineid	Cuisinename
10	chinese
11	north indian
12	south indian
13	continental
14	mexican
15	dessert
16	thai
17	italian
20	VegFood
24	Gujarati
25	Chinese

Below the main grid, there is a 'Table: delivery' section showing its columns: DelId, DelName, custid, empid, delcharge, and deldate. The bottom right corner shows the execution history for the 'cuisine' query.

The screenshot shows a web-based application titled 'Cuisine Details'. The left side has a dark blue header with the title 'Cuisine Details'. Below it, there are input fields for 'Cuisine Id:' and 'Cuisine Name:', each with a corresponding text input box. At the bottom are four red buttons labeled 'Add', 'Update', 'Delete', and 'Clear'. To the right of the input fields is a white panel titled 'Cuisine Details' containing a table with two columns: 'Cuisine Id' and 'Cuisine Name'. The table currently has no data. At the bottom of the page are two small blue navigation arrows: '<<' and '<'.



Restaurant Management

## Cuisine Details

Cuisine Id:	<input type="text" value="10"/>
Cuisine Name:	<input type="text" value="LusseFood"/>
<input type="button" value="Add"/> <input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="Clear"/>	
<span style="border: 1px solid blue; padding: 2px;">&lt;&lt;</span> <span style="border: 1px solid blue; padding: 2px;">&lt;</span>	

Cusine Details

Cuisine Id	Cuisine Name
10	LusseFood
11	north indian
12	south indian
13	continental
14	mexican
15	dessert
16	thai
17	italian
20	VegFood
22	BurgerCombo
24	Gujarati

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- employee
- expenses-tracker
- mydatabase
- restaurant\_management
  - Tables
    - chef
    - cuisine
    - customer
    - delivery
    - drinks
    - employee
    - food
    - order
    - payment
  - Triggers

SQL File 4\*

```
1 • select * from restaurant_management.cuisine;
```

Result Grid

cuisineid	Cuisinename
10	LusseFood
11	north indian
12	south indian
13	continental
14	mexican
15	dessert
16	thai
17	italian
20	VegFood
22	BurgerCombo
24	Gujarati

SQLAdditions

My Snippets

Object Info Session

Restaurant Management

## Cuisine Details

Cuisine Id:	<input type="text" value="10"/>
Cuisine Name:	<input type="text" value="LusseFood"/>
<input type="button" value="Add"/> <input type="button" value="Update"/> <input type="button" value="Delete"/> <input type="button" value="Clear"/>	
<span style="border: 1px solid blue; padding: 2px;">&lt;&lt;</span> <span style="border: 1px solid blue; padding: 2px;">&lt;</span>	

Cusine Details

Cuisine Id	Cuisine Name
11	north indian
12	south indian
13	continental
14	mexican
15	dessert
16	thai
17	italian
20	VegFood
22	BurgerCombo
24	Gujarati

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

- employee
- expensetracker
- mydatabase
- restaurant\_management
- Tables
- chef
- cuisine
- customer
- delivery
- drink
- employee
- food
- order
- payment

SQL File 4\*

```
1 • select * from restaurant_management.cuisine;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

cuisinid	CuisineName
11	north indian
12	south indian
13	continental
14	mexican
15	dessert
16	thai
17	italian
20	VegFood
22	BurgerCombo
24	Gujarati
25	Chinese

Table: delivery

Columns:

Delid	int PK
DeName	varchar(20)
Custid	int
Empid	int
Delcharge	int
Deldate	date

Object Info Session

cuisine 33 x

Action Output

#	Time	Action	Message	Duration / Fetch
31	20:27:32	select * from restaurant_management.cuisine	11 row(s) returned	0.000 sec / 0.000 sec
32	20:28:00	select * from restaurant_management.cuisine	10 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions My Snippets

# ORDER:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

- employee
- expensetracker
- mydatabase
- restaurant\_management
- Tables
- chef
- cuisine
- customer
- delivery
- drink
- employee
- food
- order
- payment

SQL File 4\*

```
1 • select * from restaurant_management.order;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	1000	65	6	15

Table: delivery

Columns:

Delid	int PK
DeName	varchar(20)
Custid	int
Empid	int
Delcharge	int
Deldate	date

Object Info Session

order 41 x

Action Output

#	Time	Action	Message	Duration / Fetch
39	20:38:05	select * from restaurant_management.delivery	3 row(s) returned	0.000 sec / 0.000 sec
40	20:43:07	select * from restaurant_management.order	4 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions My Snippets

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS: employee, expensetracker, mydatabase, restaurant\_management

Tables: chef, cuisine, delivery, customer, food, order, payment

SQL File 4\*: select \* from restaurant\_management.food;

Result Grid:

foodid	foodname	price	quantity	cuisin eid	chefid
61	Maggiee	100	2	11	3
62	Punjabi	100	1	24	3
63	Burger	120	1	11	2
64	Sandwich	200	2	12	3
65	Pizza	100	1	20	3
NULL	NULL	NULL	NULL	NULL	NULL

Table: delivery

Columns:

DelId	int PK
DeName	varchar(20)
CustId	int
EmpId	int
DelCharge	int
DelDate	date

Action Output:

#	Time	Action	Message	Duration / Fetch
40	20:43:07	select * from restaurant_management.order	4 row(s) returned	0.000 sec / 0.000 sec
41	20:44:18	select * from restaurant_management.food	5 row(s) returned	0.000 sec / 0.000 sec

Python GUI Application

### Order details

Order Id:

Total Cost:

Food Id:

Drink Id:

Delivery Id:

Add Update Delete Clear

<< <

Error

Food ID Doesn't Exist

OK

Order Id	Total Cost	Food Id	Drink Id	Delivery Id
----------	------------	---------	----------	-------------

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

SCHEMAS: employee, expensetracker, mydatabase, restaurant\_management

Tables: chef, delivery, cuisine, customer, drinks, employee, food, order, payment

SQL File 4\*:

```
1 • select * from restaurant_management.delivery;
```

Result Grid:

Delid	Delname	custid	empid	delcharge	deldate
10	PunjabiContinental	1	1005	1000	2021-05-04
11	Mexican	100	1008	9562	2021-03-17
15	Chinese	100	1009	8521	2021-04-27
*					

Administration Schemas Information

Table: delivery

Columns:

- Delid** int PK
- Delname varchar(20)
- custid int
- empid int
- delcharge int
- deldate date

Action Output:

#	Time	Action	Message	Duration / Fetch
41	20:44:18	select * from restaurant_management.food	5 row(s) returned	0.000 sec / 0.000 sec
42	20:44:56	select * from restaurant_management.delivery	3 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Python GUI Application

### Order details

Order Id:

Total Cost:

Food Id:

Drink Id:

Delivery Id:

Add Update Delete Clear

<< <

Separating widget

Order Id	Total Cost	Food Id	Drink Id	Delivery Id
----------	------------	---------	----------	-------------

Error

Delivery ID Doesn't Exist

OK

Python GUI Application

### Order details

Order Id:	<input type="text" value="104"/>
Total Cost:	<input type="text" value="820"/>
Food Id:	<input type="text" value="62"/>
Drink Id:	<input type="text" value="2"/>
Delivery Id:	<input type="text" value="15"/>

<< <

Separating widget

Order Id	Total Cost	Food Id	Drink Id	Delivery Id
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	820	62	2	15

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- new connection
- employee
- expensetracker
- mysql
- restaurant\_management
- Tables
  - chef
  - cuisine
  - customer
  - delivery
  - drinks
  - employee
  - food
  - order
  - payment

SQL File 4\*

```
1 • select * from restaurant_management.order
```

Result Grid | Filter Rows: [ ] | Edit: [ ] | Export/Import: [ ] | Wrap Cell Contents: [ ]

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	820	62	2	15

SQL Additions

My Snippets

Information

Table: delivery

Columns:

Delid	Delname	custid	ordid	delcharge	deldate
int PK	varchar(20)	int	int	date	

Object Info Session

order 44

Action Output

#	Time	Action	Message	Duration / Fetch
42	20:44:56	select * from restaurant_management.delivery	3 row(s) returned	0.016 sec / 0.000 sec
43	20:45:42	select * from restaurant_management.order	5 row(s) returned	0.000 sec / 0.000 sec

Python GUI Application

### Order details

Order Id:	<input type="text" value="104"/>
Total Cost:	<input type="text" value="6320"/>
Food Id:	<input type="text" value="62"/>
Drink Id:	<input type="text" value="2"/>
Delivery Id:	<input type="text" value="15"/>

<< <

Separating widget

Order Id	Total Cost	Food Id	Drink Id	Delivery Id
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Tables: delivery

Columns:

Delid	int PK
Delname	varchar(20)
custid	int
empid	int
delcharge	int
deldate	date

Table: order

Columns:

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

SQL File 4\* x

```
1 • select * from restaurant_management.order;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

order 45 x

Action Output

#	Time	Action	Message	Duration / Fetch
43	20:45:42	select * from restaurant_management.order	5 row(s) returned	0.000 sec / 0.000 sec
44	20:46:25	select * from restaurant_management.order	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Python GUI Application

### Order details

Order Id:

Total Cost:

Food Id:

Drink Id:

Delivery Id:

<< <

Order Id	Total Cost	Food Id	Drink Id	Delivery Id
100	1000	61	1	10
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Tables: delivery

Columns:

Delid	int PK
Delname	varchar(20)
custid	int
empid	int
delcharge	int
deldate	date

Table: order

Columns:

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

SQL File 4\* x

```
1 • select * from restaurant_management.order;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
101	500	65	5	11
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

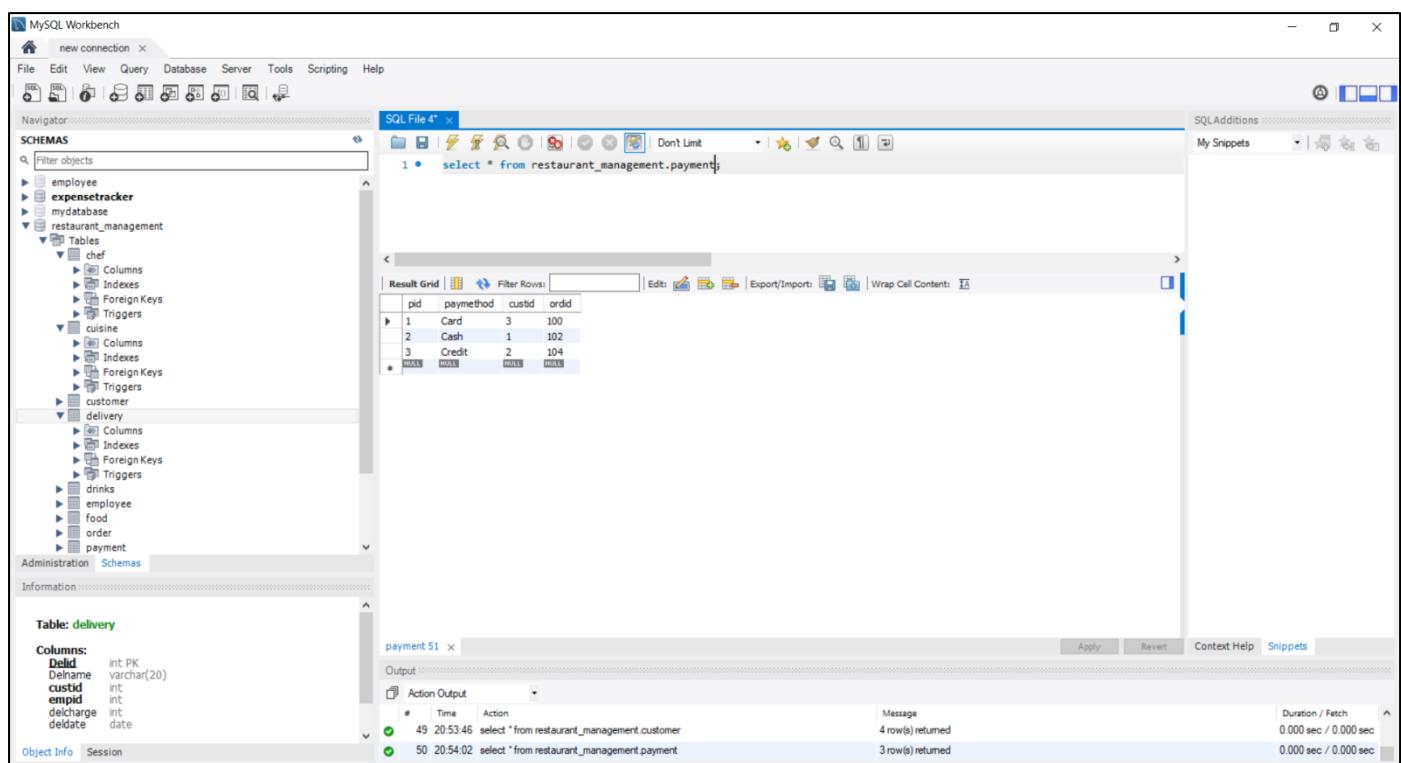
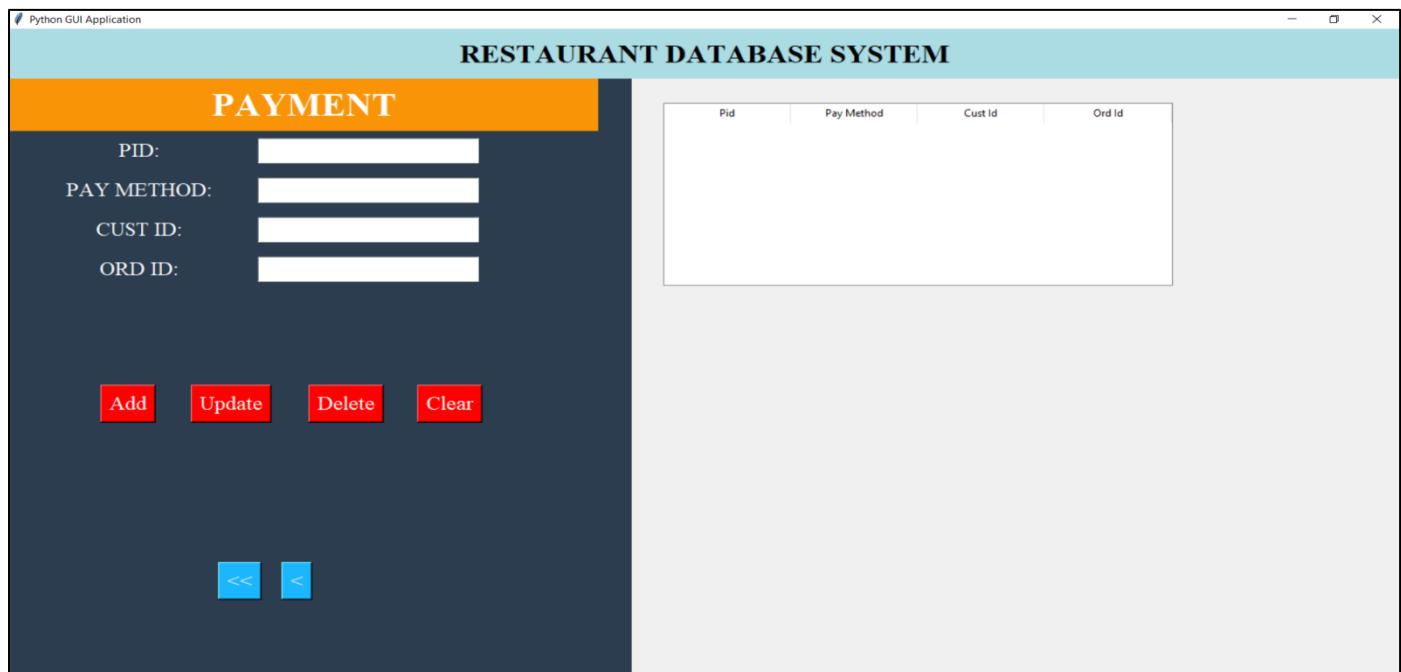
order 46 x

Action Output

#	Time	Action	Message	Duration / Fetch
44	20:46:25	select * from restaurant_management.order	5 row(s) returned	0.000 sec / 0.000 sec
45	20:47:04	select * from restaurant_management.order	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

# PAYMENT:



Python GUI Application

## RESTAURANT DATABASE SYSTEM

### PAYMENT

PID:	1
PAY METHOD:	Cash
CUST ID:	
ORD ID:	

Add    Update    Delete    Clear

<<    <

Pid	Pay Method	Cust Id	Ord Id

Error  
Customer Id field is missing  
OK

Python GUI Application

## RESTAURANT DATABASE SYSTEM

### PAYMENT

PID:	1
PAY METHOD:	Cash
CUST ID:	100
ORD ID:	102

Add    Update    Delete    Clear

<<    <

Pid	Pay Method	Cust Id	Ord Id

Error  
Payment ID Already Exist  
OK

Python GUI Application

## RESTAURANT DATABASE SYSTEM

### PAYMENT

PID:	4
PAY METHOD:	Cash
CUST ID:	5
ORD ID:	102

Add    Update    Delete    Clear

<<    <

Pid	Pay Method	Cust Id	Ord Id

Error  
Customer ID Doesn't Exist  
OK

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS

- employee
- expensetracker
- mydatabase
- restaurant\_management
- Tables
- chef
- cuisine
- customer
- delivery
- drink
- employee
- food
- order
- payment

SQL File 4\*

```
1 • select * from restaurant_management.customer;
```

Result Grid

Fname	Iname	custid	emailid	city	street	pincode	gender	phoneno	allergy
Kanisha	Shah	1	kanish@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null
Meet	Vora	2	meet@gmail.com	Ahmedabad	Gota	784512	M	7845129635	Null
Stuti	Patel	3	stutipatel@gmail.com	Rajkot	Sola	789564	F	7849562347	Null
Kruti	Pandy	100	kruti@gmail.com	Ahmedabad	paldi	380007	F	9512990798	Null

Information

Table: delivery

Columns:

Delid	Delname	Delchar	Empid	Delcharge	Deldate
int PK	varchar(20)	int	int	int	date

Object Info Session

Python GUI Application

# RESTAURANT DATABASE SYSTEM

## PAYMENT

PID:

PAY METHOD:

CUST ID:

ORD ID:

Add Update Delete Clear

<< <

Action Output

Pid	Pay Method	Cust Id	Ord Id
-----	------------	---------	--------

Error

Order ID Doesn't Exist

OK

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SCHEMAS

- employee
- expensetracker
- mydatabase
- restaurant\_management
- Tables
- chef
- cuisine
- customer
- delivery
- drink
- employee
- food
- order
- payment

SQL File 4\*

```
1 • select * from restaurant_management.order;
```

Result Grid

ordid	totalcost	foodid	drinkid	Delid
100	1000	61	1	10
102	600	63	6	10
103	1500	65	6	15
104	6320	62	2	15

Information

Table: delivery

Columns:

Delid	Delname	Delchar	Empid	Delcharge	Deldate
int PK	varchar(20)	int	int	int	date

Object Info Session

order 52 x

Action Output

Time	Action	Message	Duration / Fetch
50 20:54:02	select * from restaurant_management.payment	3 row(s) returned	0.000 sec / 0.000 sec
51 20:56:34	select * from restaurant_management.order	4 row(s) returned	0.000 sec / 0.000 sec

Python GUI Application

## RESTAURANT DATABASE SYSTEM

### PAYMENT

PID:	4
PAY METHOD:	Cash
CUST ID:	100
ORD ID:	102

Pid	Pay Method	Cust Id	Ord Id
1	Card	3	100
2	Cash	1	102
3	Credit	2	104
4	Cash	100	102

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

```
1 • select * from restaurant_management.payment;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Contents: |

pid	paymethod	custid	ordid
1	Card	3	100
2	Cash	1	102
3	Credit	2	104
4	Cash	100	102

Table: delivery

Columns:

Delid	int PK
Dename	varchar(20)
empid	int
delcharge	int
deldate	date

Action Output:

- Time Action
- 51 20:56:34 select \* from restaurant\_management.order
- 52 20:57:10 select \* from restaurant\_management.payment

Output:

Message: 4 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec

Object Info Session

Python GUI Application

## RESTAURANT DATABASE SYSTEM

### PAYMENT

PID:	2
PAY METHOD:	Cash
CUST ID:	100
ORD ID:	102

Pid	Pay Method	Cust Id	Ord Id
1	Card	3	100
2	Cash	100	102
3	Credit	2	104
4	Cash	100	102

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Tables: payment

Result Grid:

pid	paymethod	custid	ordid
1	Card	3	100
2	Cash	100	102
3	Credit	2	104
4	Cash	100	102

SQL File 4\*:

```
1 • select * from restaurant_management.payment;
```

Result Grid:

pid	paymethod	custid	ordid
1	Card	3	100
2	Cash	100	102
3	Credit	2	104
4	Cash	100	102

Object Info Session

Table: delivery

Columns:

Delid	int PK
Dename	varchar(20)
ctid	int
empid	int
delcharge	int
deldate	date

Action Output:

#	Time	Action
52	20:57:10	select * from restaurant_management.payment
53	20:58:30	select * from restaurant_management.payment

Message: 4 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec

Message: 4 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec

### RESTAURANT DATABASE SYSTEM

#### PAYMENT

PID:

PAY METHOD:

CUST ID:

ORD ID:

Add Update Delete Clear

<< <

Pid	Pay Method	Cust Id	Ord Id
1	Card	3	100
3	Credit	2	104
4	Cash	100	102

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

Tables: payment

Result Grid:

pid	paymethod	custid	ordid
1	Card	3	100
3	Credit	2	104
4	Cash	100	102

SQL File 4\*:

```
1 • select * from restaurant_management.payment;
```

Result Grid:

pid	paymethod	custid	ordid
1	Card	3	100
3	Credit	2	104
4	Cash	100	102

Object Info Session

Table: delivery

Columns:

Delid	int PK
Dename	varchar(20)
ctid	int
empid	int
delcharge	int
deldate	date

Action Output:

#	Time	Action
53	20:58:30	select * from restaurant_management.payment
54	20:58:58	select * from restaurant_management.payment

Message: 4 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec

Message: 3 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec