Source code

import os

import platform

import mysql.connector

import pandas as pd

mydb=mysql.connector.connect(host="localhost",\

user="root",\

passwd ="system",\

database="food")

mycursor=mydb.cursor()

def Customer():

L=[]

c\_id=int(input("Enter the customer ID number : "))

L.append(c\_id)

c\_name=input("Enter the Customer Name: ")

L.append(c\_name)

cphone=input("Enter customer phone number : ")

L.append(cphone)

payment=int(input("Enter payment method (credit card/Debit Card: "))

L.append(payment)

pstatus=input("Enter the payment status : ")

L.append(pstatus)

email=input("Enter the email id")

L.append(email)

empid=input("Enter employee id")

L.append(empid)

orderid=input("enter orderid")

L.append(orderid)

date=input("Enter the Date : ")

L.append(date)

cust=(L)

sql="insert into customer (c\_id,c\_name,cphone,payment,pstatus,email,empid,orderid,date) values (%s,%s,%s,%s,%s,%s,%s,%s,%s)"

mycursor.execute(sql,cust)

mydb.commit()

# Customer Table :- C\_id (PK C\_name C\_phonenum Payment\_method (Cash/Credit Card) Payment\_status (Paid/Unpaid) Email Emp\_id (FK) OrderF\_id (FK) date

def Employee():

L=[]

Emp\_id=int(input("Enter the Employee id : "))

L.append(Emp\_id)

E\_name=input("Enter the Employee Name: ")

L.append(E\_name)

emp\_g=input("Enter Employee Genderr : ")

L.append(emp\_g)

eage=int(input("Enter Employee age"))

L.append(eage)

emp\_phone=input("enter employee phone number")

L.append(emp\_phone)

pwd=input("Enter the password : ")

L.append(pwd)

EMP=(L)

sql="insert into employee(Emp\_id,E\_name,emp\_g,eage,emp\_phone,pwd) values (%s,%s,%s,%s,%s)"

mycursor.execute(sql,EMP)

mydb.commit()

#Emp\_id (PK) E\_name Emp\_g e\_age Emp\_phone pwd

def Food():

L=[]

Food\_id=int(input("Enter the Food id : "))

L.append(Food\_id)

Foodname=input("Enter the Food Name: ")

L.append(Food\_name)

Food\_size=input("Enter Food size : ")

L.append(Food\_size)

prize=int(input("Enter Prize of Food"))

L.append(prize)

Food=(L)

sql="insert into Food (Food\_id,Foodname,Food\_size,price ) values (%s,%s,%s,%s)"

mycursor.execute(sql,Food)

mydb.commit()

#Food\_id (PK Foodname Food\_size price (Describe prize of each food)

'''--------------------------------------------------------------'''

def OrderFood():

L=[]

OrderF\_id=int(input("Enter the Food Order id : "))

L.append(OrderF\_id)

C\_id=input("Enter the Customer id : ")

L.append(C\_id)

Emp\_id=input("Enter Employee id: ")

L.append(Emp\_id)

Food\_id=int(input("Enter Food id"))

L.append(Food\_id)

Food\_qty=input("Enter Qty: ")

L.append(Food\_qty)

Total\_price=input("Enter Total\_price")

L.append(Total\_price)

OrderFood=(L)

sql="insert into OrderFood (OrderF\_id,C\_id,Employee\_id,Food\_id,Food\_qty,Total\_price ) values (%s,%s,%s,%s,%s,%s)"

mycursor.execute(sql,Food)

mydb.commit()

#OrderF\_id (PK) C\_id (FK) Employee\_id (FK) Food\_id (FK) Food\_qty Total\_price

'''----------------------------------------------------------------'''

def View():

print("Select the search criteria : ")

print("1. Employee")

print("2. Customer")

print("3. Food")

print("4. Order Food")

ch=int(input("Enter the choice 1 to 4 : "))

if ch==1:

s=int(input("Enter Employee ID : "))

rl=(s,)

sql="select \* from EMP where emp\_id=%s"

mycursor.execute(sql,rl)

elif ch==2:

s=input("Enter Customer Name : ")

rl=(s,)

sql="select \* from Customer where cname=%s"

mycursor.execute(sql,rl)

elif ch==3:

sql="select \* from Food"

mycursor.execute(sql)

rl=mycursor.fetchall()

elif ch==4:

s=int(input("Enter Food id ID : "))

rl=(s,)

sql="select \* from Foodorder where food\_id=%s"

mycursor.execute(sql,rl)

print("The Food details are as follows : ")

print("(Custoemer ID, Food Name, quatity, Cost, Date )")

for x in rl:

print(x)

'''def feeDeposit():

L=[]

roll=int(input("Enter the roll number : "))

L.append(roll)

feedeposit=int(input("Enter the Fee to be deposited : "))

L.append(feedeposit)

month=input("Enter month of fee : ")

L.append(month)

fee=(L)

sql="insert into fee (roll,feeDeposit,Month) values (%s,%s,%s)"

mycursor.execute(sql,fee)

mydb.commit()'''

'''-----------------------------------------------------------------------------'''

def FoodPurchase():

print("Please enter the details to Food items :")

sql="select \* from Food"

mycursor.execute(sql)

res=a.fetchall()

print("The Customer details are as follows : ")

print("(Custoemer ID, Food Name, quatity, Cost, Date )")

for x in res:

print(x)

c1=int(input("Enter the Food items to be Booked : "))

L=[]

L.append(c1)

sql="Select \* from Food"

rl=(c1)

mycursor.execute(sql,rl)

res=mycursor.fetchall()

for x in res:

print(x)

'''---------------------------------------------------------------------------------'''

def MenuSet(): #Function Food Booking System

print("Enter 1 : To Add Employee")

print("Enter 2 : To Cutomer details")

print("Enter 3 : To Food Details ")

print("Enter 4 : For Food Order")

print("Enter 5 : To view Food booking")

try:

#Using Exceptions For Validation

userInput = int(input("Please Select An Above Option: ")) #Will Take Input From User

except ValueError:

exit("\nHy! That's Not A Number") #Error Message

else:

print("\n") #Print New Line

if(userInput == 1):

Employee()

elif (userInput==2):

Customer()

elif (userPurchase==3):

Food()

elif (userInput==4):

OrderFood()

elif (userInput==5):

View()

else:

print("Enter correct choice. . . ")

MenuSet()

def runAgain():

runAgn=input("\nwant to run Again Y/N")

while runAgn.lower()=='y':

if(platform.system()=="Windows"):

print(os.system('cls'))

else:

print(os.system('clear'))

MenuSet()

runAgn=input("\nwant to run Againy/n")

print("Good Bye ... HAVE A NICE DAY")

runAgain()

output

