User_And_Management.py

```python
import pandas as pd
import numpy as np
import mysql.connector as sqltor
import pymysql
from sqlalchemy import create_engine
from datetime import date
from datetime import timedelta

def my_sql_data_write(table,value,type_r_a):
    engine=create_engine('mysql+pymysql://root:root@localhost/cafe')
    myconn=engine.connect()
    try:
        value.to_sql(name=table,con=myconn,index=False,if_exists=type_r_a)
    except ValueError as e:
        print(e)
    except Exception as e1:
        print(e1)

def my_sql_data_fetch(query,type_o):
    empty=0
    myconn=sqltor.connect(host="localhost",user="root",passwd="root",database="caf
e")
    if myconn.is_connected():
        database_data=pd.read_sql(query,myconn)
        if database_data.empty==True and type_o=="orders":
            database_data.loc["No Orders",:]=""
            empty=1
        elif database_data.empty==True and type_o=="items":
            database_data.loc["Please add items first",:]=""
            empty=1
        elif database_data.empty==True and type_o=="verification":
            database_data.loc["No data found",:]=""
            empty=1
    return database_data,empty

def main_menu():
    #1
    print("1.Enter 1 for English")
    print("2.Enter 2 for Hindi")
    print("")
    choice=int(input("Please Select Language "))
    if choice==1:
        login_eng()
    elif choice==2:
        login_hindi()
        print("")
```

```python
        else:
            print("Please make a Valid Choice")
            main_menu()


##ENGLISH

def login_eng():
    print("1.For Changing Password enter - 1")
    print("")
    print("2.For Login enter - 2")
    print("")
    print("3.To sign up enter - 3")
    print("")
    print("4.To return to previous menu enter 4")
    print("")
    choice=int(input("Enter Choice "))
    print("")
    if choice==1:
        change_pass()
    elif choice==2:

        id_=input("Enter Id ")
        print("")
        pass_=input("Enter Password ")

        query_user="select * from user where user_id='"+id_+"';"
        data_user,empty_user=my_sql_data_fetch(query_user,"verification")
        query_manage="select * from management where management_id='"+id_+"';"
        data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")

        if empty_manage==0 or empty_user==0:
            if id_==data_manage.management_id[0] and pass_==data_manage.password[0
]:
                print("")
                print("Verification Successful")
                management_menu()
            elif id_==data_user.user_id[0] and pass_==data_user.user_password[0]:
                print("")
                print("Verification Successful")
                user_menu()
            else:
                print("")
                print("wrong user or Password please try again")
                login_eng()
        else:
            print("")
            print("Please sign up first")
            login_eng()
```

```python
        elif choice==3:
            sign_up()
        elif choice==4:
            main_menu()
        else:
            print("Please make a valid choice")
            login_eng()


def sign_up():
    #4
    i=0
    print("Please note that if you have used phone number once you cant use that a
gain")
    print("")
    print("If you forgot password please use forgot password option")
    print("")
    print("1.To return to login menu enter 1")
    print("")
    print("2.To continue sign up enter 2")
    print("")
    choice=int(input("Make your choice "))
    if choice==1:
        login_eng()
    elif choice==2:
        id_=input("Enter unique User Id ")
        query_user="select * from user;"
        data_user,empty_user=my_sql_data_fetch(query_user,"verification")
        query_manage="select * from management;"
        data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")
        if empty_manage==0 or empty_user==0:
            while i==0:
                for j in data_user["user_id"]:
                    for l in data_manage["management_id"]:
                        if id_==j or id_==l:
                            print("")
                            print("Username already taken")
                            print("")
                            print("Try another user name")
                            print("")
                            id_=input("Enter unique User Id ")
                        else:
                            i=1
            pass_=input("Enter Password ")
            print("")
            contact_no=input("Enter Mobile Number ")
            i=0
            while i==0:
                for j in data_user["contact_no"]:
```

```python
                    for l in data_manage["contact_no"]:
                        if id_==i or id_==l:
                            print("")
                            print("Contact Number already taken")
                            print("")
                            print("Try another Contact Number")
                            print("")
                            contact_no=input("Enter unique Contact Number ")
                        else:
                            i=1
                address_=input("Enter Address ")
                print("")
                pincode_=input("Enter Pincode ")
                print("")
                data={"user_id":id_,"user_password":pass_,"contact_no":contact_no,"add
ress":address_,"pincode":pincode_}
                data=pd.DataFrame(data,index=[0])
                my_sql_data_write("user",data,"append")
                login_eng()
            else:
                print("")
                print("something went wrong")
                login_eng()

def change_pass():
    id_=input("Enter Id ")
    contact_no=input("Enter registered Contact number ")

    query_user="select * from user where user_id='"+id_+"';"
    data_user,empty_user=my_sql_data_fetch(query_user,"verification")
    query_manage="select * from management where management_id='"+id_+"';"
    data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")

    if empty_manage==0 or empty_user==0:
        if id_==data_manage.management_id[0] and contact_no==data_manage.contact_n
o[0]:
            print("")
            print("Verification Successful")
            print("")
            new_pass=input("Enter New password")
            data,empty=my_sql_data_fetch("select * from management","verification"
)
            if empty==0:
                data.loc[data["management_id"]==id_,["password"]]=new_pass
                my_sql_data_write('management',data,'replace')
            else:
                print("")
                print("Something went wrong")
```

```python
                    change_pass()
            elif id_==data_user.user_id[0] and contact_no==data_user.contact_no[0]:
                print("")
                print("Verification Successful")
                print("")
                new_pass=input("Enter New password")
                data,empty=my_sql_data_fetch("select * form user","verification")
                if empty==0:
                    data.loc[data["user_id"]==id_,["user_password"]]=new_pass
                    my_sql_data_write('user',data,'replace')
                else:
                    print("")
                    print("Something went Wrong")
                    change_pass()
            else:
                print("")
                print("Wrong User id or Password")
                print("Please try again")
                login_eng()
        else:
            print("")
            print("Please Sign-up first")
            login_eng()


##HINDI

def login_hindi():
    print("1.पासवर्ड बदलने के लिए 1 दर्ज करें")
    print("")
    print("2.प्रवेश के लिए 2 दर्ज करें")
    print("")
    print("3.साइन अप करने के लिए 3 दर्ज करें")
    print("")
    print("4.पिछले मेनू पर लौटने के लिए 4 दर्ज करें")
    print("")
    choice=int(input("च्वाइस दर्ज करें "))
    print("")
    if choice==1:
        change_pass()
    elif choice==2:

        id_=input("आईडी दर्ज करें ")
        pass_=input("पास वर्ड दर्ज करें ")

        query_user="select * from user where user_id='"+id_+"';"
        data_user,empty_user=my_sql_data_fetch(query_user,"verification")
        query_manage="select * from management where management_id='"+id_+"';"
        data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")
```

```python
        if empty_user==0 or empty_manage==0:
            if id_==data_manage.management_id[0] and pass_==data_manage.password[0
]:
                print("")
                print("सत्यापन सफल रहा")
                management_menu_hindi()
            elif id_==data_user.user_id[0] and pass_==data_user.user_password[0]:
                print("")
                print("सत्यापन सफल रहा")
                user_menu_hindi()
            else:
                print("")
                print("गलत उपयोगकर्ता आईडी या पासवर्ड कृपया पुनः प्रयास करें")
                login_hindi()
        else:
            print("")
            print("कृपया पहले साइन अप करें")
            login_hindi()
    elif choice==3:
        sign_up()
    elif choice==4:
        main_menu()
    else:
        print("कृपया एक वैध चुनाव करें")
        login_hindi()

def sign_up_hindi():
    #4
    i=0
    print("कृपया ध्यान दें कि यदि आपने एक बार फ़ोन नंबर का उपयोग कर लिया है तो आप उसका
दोबारा उपयोग नहीं कर सकते")
    print("")
    print("यदि आप पासवर्ड भूल गए हैं तो कृपया पासवर्ड भूल गए विकल्प का उपयोग करें")
    print("")
    print("1.लॉगिन मेनू पर लौटने के लिए 1 दर्ज करें")
    print("")
    print("2.प्रवेश जारी रखने के लिए 2 दर्ज करें")
    print("")
    choice=int(input("अपनी पसंद करें "))
    if choice==1:
        login_hindi()
    elif choice==2:
        id_=input("अद्वितीय उपयोगकर्ता आईडी दर्ज करें ")
        query_user="select * from user;"
        data_user,empty_user=my_sql_data_fetch(query_user,"verification")
        query_manage="select * from management;"
        data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")
```

```python
            if empty_manage==0 or empty_user==0:
                while i==0:
                    for j in data_user["user_id"]:
                        for l in data_manage["management_id"]:
                            if id_==j or id_==l:
                                print("")
                                print("उपयोगकर्ता नाम पहले ही लिया जा चुका है")
                                print("")
                                print("किसी अन्य उपयोगकर्ता नाम का प्रयास करें")
                                print("")
                                id_=input("अद्वितीय उपयोगकर्ता आईडी दर्ज करें ")
                            else:
                                i=1
                pass_=input("पास वर्ड दर्ज करें ")
                print("")
                contact_no=input("मोबाइल नंबर दर्ज करें ")
                i=0
                while i==0:
                    for j in data_user["contact_no"]:
                        for l in data_manage["contact_no"]:
                            if id_==i or id_==l:
                                print("")
                                print("संपर्क नंबर पहले से ही लिया हुआ")
                                print("")
                                print("किसी अन्य संपर्क नंबर का प्रयास करें")
                                print("")
                                contact_no=input("अद्वितीय संपर्क नंबर दर्ज करें ")
                            else:
                                i=1
                address_=input("पता लिखिए ")
                print("")
                pincode_=input("पिनकोड दर्ज करें ")
                print("")
                data={"user_id":id_,"user_password":pass_,"contact_no":contact_no,"add
ress":address_,"pincode":pincode_}
                data=pd.DataFrame(data,index=[0])
                my_sql_data_write("user",data,"append")
                login_hindi()
            else:
                print("कुछ गलत हो गया")
                print("")
                login_hindi()

def change_pass_hindi():
    id_=input("आईडी दर्ज करें ")
    contact_no=input("पंजीकृत संपर्क नंबर दर्ज करें ")

    query_user="select * from user where user_id='"+id_+"';"
```

```python
    data_user,empty_user=my_sql_data_fetch(query_user,"verification")
    query_manage="select * from management where management_id='"+id_+"';"
    data_manage,empty_manage=my_sql_data_fetch(query_manage,"verification")

    if empty_manage==0 or empty_user==0:
        if id_==data_manage.management_id[0] and contact_no==data_manage.contact_n
o[0]:
            print("")
            print("सत्यापन सफल रहा")
            print("")
            new_pass=input("नया पासवर्ड दर्ज करें")
            data,empty=my_sql_data_fetch("select * from management","verification"
)
            if empty==0:
                data.loc[data["management_id"]==id_,["password"]]=new_pass
                my_sql_data_write('management',data,'replace')
            else:
                print("")
                print("कुछ गलत हो गया")
                change_pass_hindi()
        elif id_==data_user.user_id[0] and contact_no==data_user.contact_no[0]:
            print("")
            print("सत्यापन सफल रहा")
            print("")
            new_pass=input("नया पासवर्ड दर्ज करें")
            data,empty=my_sql_data_fetch("select * form user","verification")
            if empty==0:
                data.loc[data["user_id"]==id_,["user_password"]]=new_pass
                my_sql_data_write('user',data,'replace')
            else:
                print("")
                print("कुछ गलत हो गया")
                change_pass_hindi()
        else:
            print("")
            print("गलत उपयोगकर्ता आईडी या पासवर्ड कृपया पुनः प्रयास करें")
            login_hindi()
    else:
        print("")
        print("कृपया पहले साइन अप करें")
        login_hindi()


##MANAGEMENT

def management_menu():
    ##4
    orders,empty=my_sql_data_fetch("select * from orders","orders")
    if empty==0:
```

```python
        index_del=[]
        index=0
        for i in orders["order_date"]:
            if i==date.today() - timedelta(days = 2):
                index_del.append(index)
            index+=1
        for j in index_del:
            orders = orders.drop(j)
        my_sql_data_write("orders",orders,"replace")

    print("1.For Updating items enter 1")
    print("")
    print("2.For Removing items enter 2")
    print("")
    print("3.For Adding item enter 3")
    print("")
    print("4.For Billing enter 4")
    print("")
    print("5.For Setting Status to completed enter 5")
    print("")
    print("6.For Yesterday's sale enter 6")
    print("")
    print("7.For Today's sale enter 7")
    print("")
    choice=int(input("Enter Your choice "))
    if choice==1:
        update_item()
    elif choice==2:
        remove_item()
    elif choice==3:
        add_item()
    elif choice==4:
        billing()
    elif choice==5:
        set_completed()
    elif choice==6:
        yesterday_sale()
    elif choice==7:
        today_sale()
    else:
        print("")
        print("Make a Correct choice")
        management_menu()

def update_item():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items;","items")
    if not_in_use==0:
```

```python
        print(items)
        print("")
        choice=int(input("Enter Item Index No. to update item"))
        print("")
        u_item_name=input("Enter Updated Name")
        print("")
        u_item_price=input("Enter Updated Price ")
        items.loc[choice:choice,"name":"price"]=u_item_name,u_item_price
        print("Please Verify Change")
        print(items)
        print("1.Enter 1 to Confirm")
        print("")
        print("2.Enter 2 to Make Changes")
        print("")
        choice=int(input("Make a Choice "))
        if choice==1:
            my_sql_data_write('items',items,'replace')
            management_menu()
        elif choice==2:
            update_item()
    else:
        print("Please Add items First")

def remove_item():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items;","items")
    if not_in_use==0:
        print(items)
        choice=int(input("Enter Item Index No. to remove items "))
        items=items.drop(choice)
        print("Please Verify Change")
        print("")
        print(items)
        print("")
        print("1.Enter 1 to Confirm")
        print("")
        print("2.Enter 2 to Make Changes")
        print("")
        choice=int(input("Make a Choice "))

        if choice==1:
            my_sql_data_write('items',items,'replace')
            management_menu()
        elif choice==2:
            remove_item()
    else:
        print("Please Add Items first")
```

```python
def add_item():
    #5
    n_item_name=input("Enter Item Name ")
    n_item_price=input("Enter Item Price ")
    items={"name":n_item_name,"price":n_item_price}
    items=pd.DataFrame(items,index=[0])
    print("Please Review Change")
    print("")
    print(items)
    print("")
    print("1.Enter 1 to Confirm")
    print("")
    print("2.Enter 2 to Make Changes")
    print("")
    choice=int(input("Select an Option "))
    if choice==1:
        my_sql_data_write('items',items,'append')
        management_menu()
    elif choice==2:
        add_item()

def billing():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items","items")
    if not_in_use==0:
        print(items)
        i="0"
        selected_index_s=[]
        selected_index_i=[]
        item_names=""
        total_items=0
        total_price=0
        print("Enter / to Generate Bill")
        while i=="0":
            choice=input("Enter Index of Item to bill ")
            if choice!="/":
                selected_index_s.append(choice)
            elif choice=="/":
                i="/"
        for j in selected_index_s:
            selected_index_i.append(int(j))
        bill=pd.DataFrame(items.loc[selected_index_i,"name":"price"])
        bill.index=range(1,len(selected_index_i)+1)
        for k in bill["price"]:
            total_items+=1
            total_price=total_price+int(k)
        total={"name":str(total_items),"price":str(total_price)}
        bill.loc["Total",:]=total
```

```python
            print(bill)
            print("1.Enter 1 to Confirm Order")
            print("")
            print("2.Enter 2 to Change")
            print("")
            choice=int(input("Select an Option "))
            if choice==1:
                bill_np_array=bill.values
                for l in range(0,len(bill_np_array)-1):
                    item_names+=bill_np_array[l][0]+','
                date_today=date.today()
                order={"user_id":"Management Person","items":item_names,"total_price":
total_price,"address":"At Cafe","order_date":date_today,"status":"pending"}
                order=pd.DataFrame(order,index=[0])
                my_sql_data_write("orders",order,"append")
                management_menu()
            elif choice==2:
                billing()
            else:
                print("Wrong Choice")
                billing()
        else:
            print("Please Add Items First")


def set_completed():
    ##5
    orders,empty=my_sql_data_fetch("select * from orders where status='pending';",
"orders")

    if empty==0:
        print(orders)
        print("")
        choice=int(input("Enter Index no. to set Order Status as Completed "))
        orders.loc[choice:choice,"status":"status"]="completed"
        print("Please Verify Change")
        print("")
        print(orders)
        print("")
        print("1.Enter 1 to Confirm")
        print("")
        print("2.Enter 2 to Make Changes")
        print("")
        choice=int(input("Select an Option "))

        if choice==1:
            my_sql_data_write('orders',orders,'replace')
            management_menu()
```

```python
        elif choice==2:
            set_completed()
    else:
        print("No Orders")


def yesterday_sale():
    #5
    total_price=0
    total_orders=0
    yesterday_date=date.today() - timedelta(days = 1)
    query="select * from orders where status='completed' and order_date=" +"'" + s
tr(yesterday_date) +"'" + ";"
    orders,empty=my_sql_data_fetch(query,"orders")
    if empty==1:
        print("No Orders, Kuch to Kaam kar :-(")
    else:
        for i in orders["total_price"]:
            total_orders+=1
            total_price += int(i)
        orders.loc["Total",:]="Not Applicable",total_orders,total_price,"Not Appli
cable","Not Applicable","Not Applicable"
        print(orders)
    management_menu()


def today_sale():
    #5
    total_price=0
    total_orders=0
    today_date=date.today()
    query="select * from orders where status='completed' and order_date=" +"'" + s
tr(today_date) +"'" + ";"
    orders,empty=my_sql_data_fetch(query,"orders")
    if empty==1:
        print("No Orders")
    else:
        for i in orders["total_price"]:
            total_orders+=1
            total_price += int(i)
        orders.loc["Total",:]="Not Applicable",total_orders,total_price,"Not Appli
cable","Not Applicable","Not Applicable"
        print(orders)
    management_menu()



##HINDI MENU

def management_menu_hindi():
    #4
```

```python
    orders,empty=my_sql_data_fetch("select * from orders","orders")
    if empty==0:
        index_del=[]
        index=0
        for i in orders["order_date"]:
            if i==date.today() - timedelta(days = 2):
                index_del.append(index)
            index+=1
        for j in index_del:
            orders = orders.drop(j)
        my_sql_data_write("orders",orders,"replace")

    print("1.अद्यतन करने के लिए आइटम 1 दर्ज करें")
    print("")
    print("2.आइटम हटाने के लिए 2 दर्ज करें")
    print("")
    print("3.आइटम जोड़ने के लिए 3 दर्ज करें")
    print("")
    print("4.बिलिंग के लिए 4 दर्ज करें")
    print("")
    print("5.पूर्ण स्थिति दर्ज करने के लिए 5 दर्ज करें")
    print("")
    print("6.कल की बिक्री के लिए 6 दर्ज करें")
    print("")
    print("7.आज की बिक्री के लिए 7 दर्ज करें")
    print("")
    choice=int(input("अपनी पसंद दर्ज करें "))
    if choice==1:
        update_item_hindi()
    elif choice==2:
        remove_item_hindi()
    elif choice==3:
        add_item()
    elif choice==4:
        billing_hindi()
    elif choice==5:
        set_completed_hindi()
    elif choice==6:
        yesterday_sale_hindi()
    elif choice==7:
        today_sale_hindi()
    else:
        print("एक सही चुनाव करें")
        management_menu_hindi()

def update_item_hindi():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items;","items")
```

```python
    if not_in_use==0:
        print(items)
        choice=int(input("आइटम अपडेट करने के लिए आइटम इंडेक्स डालें"))
        u_item_name=input("अद्यतन नाम दर्ज करें")
        u_item_price=input("अद्यतन मूल्य दर्ज करें")
        items.loc[choice:choice,"name":"price"]=u_item_name,u_item_price
        print("कृपया बदलाव सत्यापित करें")
        print(items)
        print("1.पुष्टि करने के लिए 1 दर्ज करें")
        print("")
        print("2.परिवर्तन करने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो "))
        if choice==1:
            my_sql_data_write('items',items,'replace')
            management_menu_hindi()
        elif choice==2:
            update_item_hindi()
    else:
        print("कृपया पहले आइटम जोड़ें")
def remove_item_hindi():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items;","items")
    if not_in_use==0:
        print(items)
        print("")
        choice=int(input("आइटम हटाने के लिए आइटम इंडेक्स डालें "))
        items=items.drop(choice)
        print("")
        print("कृपया बदलाव सत्यापित करें")
        print("")
        print(items)
        print("")
        print("1.पुष्टि करने के लिए 1 दर्ज करें")
        print("")
        print("2.परिवर्तन करने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो "))
        if choice==1:
            my_sql_data_write('items',items,'replace')
            management_menu_hindi()
        elif choice==2:
            remove_item_hindi()
    else:
        print("कृपया पहले आइटम जोड़ें")

def add_item_hindi():
    #5
```

```python
        n_item_name=input("आइटम नाम दर्ज करें")
        print("")
        n_item_price=input("आइटम मूल्य दर्ज करें")
        print("")
        items={"name":n_item_name,"price":n_item_price}
        items=pd.DataFrame(items,index=[0])
        print("कृपया बदलाव की पुष्टि करें")
        print("")
        print(items)
        print("")
        print("1.पृष्ठ परिवर्तन की पुष्टि करें")
        print("")
        print("2.परिवर्तन करने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो"))
        if choice==1:
            my_sql_data_write('items',items,'append')
            management_menu_hindi()
        elif choice==2:
            add_item_hindi()

def billing_hindi():
    #5
    items,not_in_use=my_sql_data_fetch("select * from items;","items")
    if not_in_use==0:
        print(items)
        i="0"
        item_names=""
        selected_index_s=[]
        selected_index_i=[]
        total_items=0
        total_price=0
        print("")
        print("बिल जनरेट करने के लिए / दर्ज करें")
        while i=="0":
            print("")
            choice=input("बिल के लिए आइटम का सूचकांक दर्ज करें ")
            if choice!="/":
                selected_index_s.append(choice)
            elif choice=="/":
                i="/"
        for j in selected_index_s:
            selected_index_i.append(int(j))
        index=range(1,len(selected_index_i)+1)
        bill=pd.DataFrame(items.loc[selected_index_i,"name":"price"])
        bill.index=index
        for k in bill["price"]:
            total_items+=1
```

```python
            total_price=total_price+int(k)
        total={"name":str(total_items),"price":str(total_price)}
        bill.loc["Total",:]=total
        print(bill)
        print("")
        print("1.आदेश की पुष्टि करने के लिए 1 दर्ज करें")
        print("")
        print("2.बदलने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो "))
        if choice==1:
            bill_np_array=bill.values
            for l in range(0,len(bill_np_array)-1):
                item_names+=bill_np_array[l][0]+','
            date_today=date.today()
            order={"user_id":"Management Person","items":item_names,"total_price":
total_price,"address":"At Cafe","order_date":date_today,"status":"pending"}
            order=pd.DataFrame(order,index=[0])
            my_sql_data_write("orders",order,"append")
            management_menu_hindi()
        elif choice==2:
            billing_hindi()
        else:
            print("")
            print("गलत पंसद")
            billing_hindi()
    else:
        print("कृपया पहले आइटम जोड़ें")

def set_completed_hindi():
    ##5
    orders,empty=my_sql_data_fetch("select * from orders where status='pending';",
"orders")

    if empty==0:
        print(orders)
        print("")
        choice=int(input("आदेश को पूर्ण के रूप में सेट करने के लिए अनुक्रमणिका दर्ज करें "))
        orders.loc[choice:choice,"status":"status"]="completed"
        print("कृपया बदलाव सत्यापित करें")
        print("")
        print(orders)
        print("")
        print("1.पुष्टि करने के लिए 1 दर्ज करें")
        print("")
        print("2.परिवर्तन करने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो "))
```

```python
            print("")
            if choice==1:
                my_sql_data_write('orders',orders,'replace')
                management_menu_hindi()
            elif choice==2:
                set_completed_hindi()
        else:
            print("कोई आदेश नहीं")
            print("")

def yesterday_sale_hindi():
    #5
    total_price=0
    total_orders=0
    yesterday_date=date.today() - timedelta(days = 1)
    query="select * from orders where status='completed' and order_date=" +"'" + s
tr(yesterday_date) +"'" + ";"
    orders,empty=my_sql_data_fetch(query,"orders")
    if empty==1:
        print("कोई आदेश नहीं")
    else:
        for i in orders["total_price"]:
            total_orders+=1
            total_price += int(i)
        orders.loc["Total",:]="Not Applicable",total_orders,total_price,"Not Appli
cable","Not Applicable","Not Applicable"
        print(orders)
    management_menu_hindi()

def today_sale_hindi():
    #5
    total_price=0
    total_orders=0
    today_date=date.today()
    query="select * from orders where status='completed' and order_date=" +"'" + s
tr(today_date) +"'" + ";"
    orders,empty=my_sql_data_fetch(query,"orders")
    if empty==1:
        print("No Orders")
    else:
        for i in orders["total_price"]:
            total_orders+=1
            total_price += int(i)
        orders.loc["Total",:]="Not Applicable",total_orders,total_price,"Not Appli
cable","Not Applicable","Not Applicable"
        print(orders)
    management_menu_hindi()
```

```python
##USER MENU

def user_menu():
    #4
    print("1.For Placing an Order Enter 1")
    print("")
    print("2.For Changing details Enter 2")
    print("")
    choice=int(input("Make your choice "))
    if choice==1:
        order_place()
    elif choice==2:
        user_detail_changer()
    else:
        print("Make a Correct Choice ")
        user_menu()

def order_place():
    #4
    items,empty=my_sql_data_fetch("select * from items;","items")

    if empty==0:
        print(items)
        i="0"
        item_names=""
        selected_index_s=[]
        selected_index_i=[]
        total_items=0
        total_price=0
        print("Enter / to Generate Bill")
        while i=="0":
            choice=input("Enter Index of item to Bill ")
            if choice!="/":
                selected_index_s.append(choice)
            elif choice=="/":
                i="/"
        for j in selected_index_s:
            selected_index_i.append(int(j))
        bill=pd.DataFrame(items.loc[selected_index_i,"name":"price"])
        bill.index=range(1,len(selected_index_i)+1)
        for k in bill["price"]:
            total_items+=1
            print("")
            total_price += int(k)
        total={"name":str(total_items),"price":str(total_price)}
        bill.loc["Total",:]=total
        print(bill)
        print("")
```

```python
        print("1.Enter 1 to Confirm Order")
        print("")
        print("2.Enter 2 to Change")
        print("")
        choice=int(input("Make a Choice "))
        if choice==1:
            bill_np_array=bill.values
            for l in range(0,len(bill_np_array)-1):
                item_names+=bill_np_array[l][0]+','
            date_today=date.today()
            print("We Need to Confirm your Identity")
            print("")
            user_id=input("Enter User Id ")
            print("")
            user_password=input("Enter Password")
            print("")

            query_user="select * from user where user_id='" + user_id + "';"
            data_user,empty=my_sql_data_fetch(query_user,"verification")

            if user_id==data_user.user_id[0] and user_password==data_user.user_pas
sword[0]:
                order={"user_id":user_id,"items":item_names,"total_price":total_pr
ice,"address":data_user.address[0],"order_date":date_today,"status":"pending"}
                order=pd.DataFrame(order,index=[0])
                my_sql_data_write("orders",order,"append")
                user_menu()
            else:
                print("")
                print("Wrong User ID or Password")
                print("Please try again")
                order_place()

        elif choice==2:
            order_place()
        else:
            print("")
            print("Wrong Choice try again")
            order_place()

    else:
        print("Unable to Fetch Please try again Later")

def user_detail_changer():
    #4
    print("1.To change Password enter 1")
    print("")
    print("2.To change Contact number enter 2")
```

```python
    print("")
    print("3.To change Address and pincode enter 3")
    print("")
    choice=int(input("Make a Choice "))
    if choice==1:
        change_pass()
    elif choice==2:
        change_user_contact_no()
    elif choice==3:
        change_user_address()
    else:
        print("Make a Correct Choice")


def change_user_contact_no():
    #5
    i=0
    user_id=input("Enter Id ")
    print("")
    user_pass=input("Enter Password ")
    print("")
    print("Verifying")

    query_user="select * from user where user_id='"+user_id+"';"
    data_user,empty=my_sql_data_fetch(query_user,"verification")
    if empty==0:
        if user_id==data_user.user_id[0] and user_pass==data_user.user_password[0]
:
            contact_no=input("Enter unique contact number")
            while i==0:
                for j in data_user["contact_no"]:
                    if contact_no==j :
                        print("")
                        print("Contact Number already taken")
                        print("")
                        print("Try another Contact Number")
                        print("")
                        contact_no=input("Enter unique Contact Number ")
                    else:
                        i=1
            data,empty=my_sql_data_fetch("select * from user;","verification")
            if empty==0:
                data.loc[data["user_id"]==user_id,["contact_no"]]=contact_no
                my_sql_data_write('user',data,'replace')
                user_menu()
            else:
                print("")
                print("Something went Wrong")
                user_menu()
```

```python
            else:
                print("")
                print("Wrong User ID or Password")
                print("Please try again")
                change_user_contact_no()
        else:
            print("")
            print("Something went wrong")
            user_menu()

def change_user_address():
    #5
    user_id=input("Enter Id ")
    print("")
    user_pass=input("Enter Password ")
    print("")
    print("Verifying")

    query_user="select * from user where user_id='"+user_id+"';"
    data_user,empty=my_sql_data_fetch(query_user,"verification")

    if empty==0:
        if user_id==data_user.user_id[0] and user_pass==data_user.user_password[0]
:
            user_address=input("Enter New Address ")
            user_pincode=input("Enter new Pincode")
            data,empty=my_sql_data_fetch("select * from user;","verification")
            if empty==0:
                data.loc[data["user_id"]==user_id,["pincode"]]=user_pincode
                my_sql_data_write('user',data,'replace')
                data.loc[data["user_id"]==user_id,["address"]]=user_address
                my_sql_data_write('user',data,'replace')
                user_menu()
            else:
                print("")
                print("Something went Wrong")
                user_menu()
        else:
            print("Wrong User Id or Password")
            print("")
            print("Please Try Again")
            change_user_address()
    else:
        print("")
        print("Something Went Wrong")
        user_menu()

##HINDI MENU
```

```python
def user_menu_hindi():
    #4
    print("1.आदेश देने के लिए 1 दर्ज करें")
    print("")
    print("2.विवरण बदलने के लिए 2 दर्ज करें")
    print("")
    choice=int(input("अपनी पसंद करें "))
    print("")
    if choice==1:
        order_place_hindi()
    elif choice==2:
        user_detail_changer_hindi()
    else:
        print("एक सही चुनाव करें")
        user_menu_hindi()

def order_place_hindi():
    #4
    items,empty=my_sql_data_fetch("select * from items;","items")
    if empty==0:
        print(items)
        i="0"
        item_names=""
        selected_index_s=[]
        selected_index_i=[]
        total_items=0
        total_price=0
        print("बिल जनरेट करना / दर्ज करना")
        print("")
        while i=="0":
            choice=input("बिल के लिए आइटम का सूचकांक दर्ज करें ")
            if choice!="/":
                selected_index_s.append(choice)
            elif choice=="/":
                i="/"
        for j in selected_index_s:
            selected_index_i.append(int(j))
        bill=pd.DataFrame(items.loc[selected_index_i,"name":"price"])
        bill.index=range(1,len(selected_index_i)+1)
        for k in bill["price"]:
            total_items+=1
            total_price += int(k)
        total={"name":str(total_items),"price":str(total_price)}
        bill.loc["Total",:]=total
        print(bill)
        print("")
        print("1.आदेश की पुष्टि करने के लिए 1 दर्ज करें")
```

```python
        print("")
        print("2.बदलने के लिए 2 दर्ज करें")
        print("")
        choice=int(input("एक का चयन करो "))
        print("")
        if choice==1:
            bill_np_array=bill.values
            for l in range(0,len(bill_np_array)-1):
                item_names+=bill_np_array[l][0]+','
            date_today=date.today()
            print("हमें आपकी पहचान की पुष्टि करने की आवश्यकता है")
            print("")
            user_id=input("उपयोगकर्ता आईडी दर्ज करें ")
            print("")
            user_password=input("पास वर्ड दर्ज करें ")
            print("")

            query_user="select * from user where user_id='"+user_id+"';"
            data_user,empty=my_sql_data_fetch(query_user,"verification")

            if user_id==data_user.user_id[0] and user_password==data_user.user_pas
sword[0]:
                order={"user_id":user_id,"items":item_names,"total_price":total_pr
ice,"address":data_user.address[0],"order_date":date_today,"status":"pending"}
                order=pd.DataFrame(order,index=[0])
                my_sql_data_write("orders",order,"append")
                user_menu_hindi()
            else:
                print("गलत उपयोगकर्ता आईडी या पासवर्ड कृपया पुनः प्रयास करें")
                print("")
                order_place_hindi()

        elif choice==2:
            order_place_hindi()
        else:
            print("गलत चॉइस फिर से कोशिश करें")
            order_place_hindi()
    else:
        print("कृपया बाद में पुनः प्रयास करें")

def user_detail_changer_hindi():
    #4
    print("1.पासवर्ड बदलने के लिए 1 दर्ज करें")
    print("")
    print("2.संपर्क नंबर बदलने के लिए 2 दर्ज करें")
    print("")
    print("3.पता बदलने के लिए और पिनकोड 3 दर्ज करें")
    print("")
```

```python
    choice=int(input("एक का चयन करो "))
    if choice==1:
        change_pass_hindi()
    elif choice==2:
        change_user_contact_no_hindi()
    elif choice==3:
        change_user_address_hindi()
    else:
        print("एक सही चुनाव करें")

def change_user_contact_no_hindi():
    #5
    i=0
    user_id=input("आईडी दर्ज करें ")
    print("")
    user_pass=input("पास वर्ड दर्ज करें ")
    print("")
    print("सत्यापन")

    query_user="select * from user where user_id='"+user_id+"';"
    data_user,empty=my_sql_data_fetch(query_user,"verification")

    if empty==0:
        if user_id==data_user.user_id[0] and user_pass==data_user.user_password[0]
:
            contact_no=input("अद्वितीय संपर्क नंबर दर्ज करें")
            while i==0:
                for j in data_user["contact_no"]:
                    if contact_no==j :
                        print("")
                        print("संपर्क नंबर पहले से ही लिया हुआ")
                        print("")
                        print("किसी अन्य संपर्क नंबर का प्रयास करें")
                        print("")
                        contact_no=input("अद्वितीय संपर्क नंबर दर्ज करें ")
                    else:
                        i=1
            data,empty=my_sql_data_fetch("select * from user;","verification")
            if empty==0:
                data.loc[data["user_id"]==user_id,["contact_no"]]=contact_no
                my_sql_data_write('user',data,'replace')
                user_menu_hindi()
            else:
                print("")
                print("कुछ गलत हो गया")
                user_menu_hindi()
        else:
            print("")
```

```python
            print("गलत उपयोगकर्ता आईडी या पासवर्ड कृपया पुनः प्रयास करें")
            change_user_contact_no_hindi()
    else:
        print("")
        print("कुछ गलत हो गया")
        user_menu_hindi()
def change_user_address_hindi():
    #5
    user_id=input("आईडी दर्ज करें ")
    print("")
    user_pass=input("पास वर्ड दर्ज करें ")
    print("")
    print("सत्यापन")

    query_user="select * from user where user_id='"+user_id+"';"
    data_user,empty=my_sql_data_fetch(query_user,"verification")

    if empty==0:
        if user_id==data_user.user_id[0] and user_pass==data_user.user_password[0]
:

            user_address=input("नया पता दर्ज करें ")
            user_pincode=input("नया पिनकोड दर्ज करें")
            data,empty=my_sql_data_fetch("select * from user;","verification")
            if empty==0:
                data.loc[data["user_id"]==user_id,["pincode"]]=user_pincode
                my_sql_data_write('user',data,'replace')
                data.loc[data["user_id"]==user_id,["address"]]=user_address
                my_sql_data_write('user',data,'replace')
                user_menu_hindi()
            else:
                print("")
                print("कुछ गलत हो गया")
                user_menu_hindi()
        else:
            print("गलत यूजर आईडी या पासवर्ड")
            print("")
            print("कृपया पुन: प्रयास करें")
            change_user_address_hindi()
    else:
        print("")
        print("कुछ गलत हो गया")
        user_menu_hindi()

##main_menu
management_menu()
```

View_Orders.py

```python
import pandas as pd
import numpy as np
import mysql.connector as sqltor
import pymysql
from sqlalchemy import create_engine

def my_sql_data_fetch(query,type_o):
    empty=0
    myconn=sqltor.connect(host="localhost",user="root",passwd="root",database="caf
e")
    if myconn.is_connected():
        database_data=pd.read_sql(query,myconn)
        if database_data.empty==True and type_o=="orders":
            database_data.loc["No Orders",:]=""
            empty=1
        elif database_data.empty==True and type_o=="verification":
            database_data.loc["No data found",:]=""
            empty=1
    return database_data,empty

def main_menu():
    print("1.Enter 1 for English")
    print("2.Enter 2 for Hindi")
    choice=int(input("Please Select language "))
    if choice==1:
        management_login_eng()
    elif choice==2:
        management_login_hindi()
    else:
        print("Please Make a Valid Choice")
        main_menu()

def management_login_eng():
    #3
    manage_id=input("Enter Id ")
    manage_pass=input("Enter password ")
    print("Verifying")
    data_,empty=my_sql_data_fetch("select * from management where management_id='"
+manage_id+"';","verification")
    if empty==0:
        if manage_id==data_.management_id[0] and manage_pass==data_.password[0]:
            print("")
            print("Verification Successful")
            display_pending()
        else:
            print("")
```

```python
            print("Wrong User ID or Password")
            management_login_eng()
    else:
        print("")
        print("Something Went Wrong")


def management_login_hindi():
    #3
    manage_id=input("आईडी दर्ज करें ")
    manage_pass=input("पास वर्ड दर्ज करें ")
    print("सत्यापन")
    data_,empty=my_sql_data_fetch("select * from management where management_id='"
+manage_id+"';","verification")
    if empty==0:
        if manage_id==data_.management_id[0] and manage_pass==data_.password[0]:
            print("")
            print("सत्यापन सफल")
            display_pending()
        else:
            print("")
            print("गलत यूजर आईडी या पासवर्ड")
            management_login_hindi()
    else:
        print("")
        print("कुछ गलत हो गया")


def display_pending():
    i=1

    orders,empty=my_sql_data_fetch("select * from orders where status='pending';",
"orders")
    if empty==0 or empty==1:
        already_present=pd.DataFrame(orders)
        print(orders)

        while i==1:
            orders,empty=my_sql_data_fetch("select * from orders where status='pen
ding';","orders")
            if empty==0:
                if orders.size != already_present.size:
                    print("")
                    print("NEW ORDERS")
                    print("")
                    already_present=pd.DataFrame(orders)
                    print(orders)
                else:
                    continue
            else:
```

```
            print("")
            print("Something Went Wrong")
 else:
     print("")
     print("Something Went Wrong")
```

MY SQL Database Queries

1. create database cafe;

2. use cafe;

3. create table items(name varchar(40) not null,price varchar(5) not null);

4. create table management(management_id varchar(20) not null,password varchar(15) not null,contact_no varchar(10) primary key);

5. create table user(user_id varchar(20) not null unique,user_password varchar(15) not null,contact_no varchar(10) primary key,address varchar(150) not null,pincode varchar(6) not null);

6. create table orders(user_id varchar(15) not null,items varchar(350) not null,total_price varchar(5) ,address varchar(150) not null,order_date date not null,status varchar(12) not null);

7. insert into management values("abc","12345","1234567891");

8. insert into items values("Dosa","110"),("Briyani","90"),("Tea","20"),("Coffee","30"),("Bhajiya","20");