

CODE USED IN THE PROJECT :-

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"""The code for the main login page"""
# Import the needed modules
import PySimpleGUI as sg
import sys
import warnings
import mysql.connector as sqltor
from mysql.connector.locales.eng import client_error
import time
import os

# Set the PysimpleGUI theme and font
main_font_title=("Times New Roman", "12")
main_font_normal=("Times New Roman", "11")
"""Code for checking environment"""
idle = True if "idlelib.run" in sys.modules else False # Credit goes to stackexchange
if idle == True:
    warnings.warn("This code malfunctions in IDLE... Launching in terminal...")
    time.sleep(3)
    current_dir = os.getcwd()
    os.system(f"{current_dir}/login.py")
# Connect to the mysql database and create a cursor
try:
    file=open('settings.txt')
    data=file.readlines()
    file.close()
    for i in range(len(data)):
        data[i]=data[i][:1]
    mycon = sqltor.connect(host=data[0], user=data[1],
passwd=data[2],database=data[3])
except sqltor.errors.ProgrammingError:
    layout=[
        [sg.Text('Host',size=(7,None), font=main_font_normal),sg.Input('localhost',key='H',
font=main_font_normal)],
        [sg.Text('User',size=(7,None), font=main_font_normal),sg.Input('root',key='U')],
        [sg.Text('Password',size=(7,None)),sg.Input('',key='P',password_char='\u2022',
font=main_font_normal)],
        [sg.Button('Done',key='DN', font=main_font_normal)]
    ]
    window=sg.Window('Credentials',layout)
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while True:
    event, values = window.read()
    if event == sg.WIN_CLOSED:
        break
    elif event == 'DN':
        hostname = values['H']
        username = values['U']
        password = values['P']
        break
    window.close()
    settings_data = ""{}
{}
{}
denim_destination_db
"".format(hostname, username, password)
file = open('settings.txt', 'w')
file.write(settings_data)
file.close()
import create_database
mycon = sqltor.connect(host=hostname, user=username, passwd=password,
database='denim_destination_db')
import employee_func
import purchasin
cursor = mycon.cursor()
def Main_menu():
    # The welcome menu
    image = "Logo.gif"
    layout = [
        [sg.Image(key="IMG")],
        [
            sg.Btn("Customer Login", key="CL", expand_x=True, font=main_font_title),
            sg.Btn("Employee Login", key="EL", expand_x=True, font=main_font_title),
        ],
    ]
# Create the main menu window
window = sg.Window(
    'Denim Destination', layout, finalize=True, element_justification="center"
)
img = window["IMG"]
option_chosen = None

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rng = True
while rng:
    # Take events and values
    e, v = window.read(timeout=1)
    if e == sg.WIN_CLOSED:
        rng = False
    elif e == "CL":
        option_chosen = 1
        rng = False
    elif e == "EL":
        option_chosen = 0
        rng = False
    img.update_animation_no_buffering(image, 2000)
# If any option is selected close the main window
window.close()
if option_chosen == 1:
    Customer_sign_in_menu()
elif option_chosen == 0:
    Employee_sign_in_menu()
def Employee_sign_in_menu():
    """
    If the user chooses Employee in the window produced by custEmp(), this function
    is called
    It is a login page for the employees
    """
    msg = sg.Text("Please Login...", size=(50, 1), font=main_font_normal)
    layout = [
        [msg],
        [sg.Text("Employee ID", font=main_font_normal, size=(10, 1)), sg.Input(key="id",
font=main_font_normal)],
        [sg.Text("User Name", font=main_font_normal, size=(10, 1)),
sg.Input(key="uname", font=main_font_normal)],
        [sg.Text("Password", font=main_font_normal, size=(10, 1)),
sg.Input(key="password", password_char="\u2022", font=main_font_normal)],
        [sg.Button("Login", font=main_font_normal), sg.Button("Go Back",
font=main_font_normal)],
    ]
    # password_char parameter masks the given password with *
    window = sg.Window("Login - Employee", layout)
    option_chosen = None

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rng=True
while rng:
    event, values = window.read()
    # values variable points at a dictionary with id, uname and password
    if event == sg.WIN_CLOSED:
        rng=False
    if event == "Go Back":
        option_chosen = 2
        rng=False
    elif event == "Login":
        if values["id"] and values["uname"] and values["password"]:
            cmd="Select * from employees"
            cursor.execute(cmd)
            data=cursor.fetchall()
            for i in data:
                if str(i[0])==values['id'] and i[2]==values['uname'] and
i[3]==values['password']:
                    option_chosen=1
                    rng=False
            else:
                msg.update(value='Invalid employee id, user, password',text_color='red')
                print("\a")
        else:
            # If the user doesn't input any ID and clicks Login
            msg.update(value="Please enter all the data", text_color="red")
            print("\a")

window.close()
if option_chosen == 1:
    employee_func.main()
elif option_chosen == 2:
    Main_menu(
def Customer_sign_in_menu():
    # Customer sign_in menu
    # The layout for the sign in window
    msg = sg.Text("Login to access our wide range of products...",
font=main_font_normal)
    layout = [
        [msg],

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[sg.Text("Email ID", size=(7, 1), font=main_font_normal), sg.Input("", key="ID",
font=main_font_normal)],
[
    sg.Text("Password", size=(7, 1), font=main_font_normal),
    sg.Input("", key="PD", password_char="\u2022", font=main_font_normal),
],
[
    sg.Btn("Login", key="OK", font=main_font_normal),
    sg.Btn("Go Back", key="GB", font=main_font_normal),
    sg.Btn("Sign up", key="SN", font=main_font_normal),
],
]

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Create the sign in window

window = sg.Window("Customer Sign in", layout

Some variables

option_chosen = Non

rng = True

while rng:

Take events and values

e, v = window.read()

if e == sg.WIN_CLOSED:

rng = False

elif e == "GB":

option_chosen = 2

rng = False

elif e == "SN":

Customer_sign_up()

elif e == "OK":

email = v["ID"]

passwd = v["PD"]

if email and passwd:

cursor.execute("select email_id,password from customers")

data = cursor.fetchall()

for i in data:

if email == i[0] and passwd == i[1]:

option_chosen = 1

rng = False

break

else:

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        msg.update(value="Invalid email or password...", text_color="red")
        print("\a")
    else:
        msg.update(value="Please enter all the data...", text_color="red")
        print("\a")
window.close()
if option_chosen == 1:
    purchasing.mycon.commit()
    purchasing.Main(email)
elif option_chosen == 2:
    Main_menu(
def Customer_sign_up():
    # Menu for new customers to sign_up
    # Create the sign up button and store it in a var for future usage
    button = sg.Btn("Sign up", key="DN", disabled=True)
    # The layout of the window
    msg = sg.Text("New to Denim Destination? Sign up..", size=(50, 1),
font=main_font_title)
    layout = [
        [msg],
        [sg.Text("Email ID", size=(8, 1), font=main_font_normal), sg.Input("", key="EI",
font=main_font_normal)],
        [
            sg.Text("Password", size=(8, 1), font=main_font_normal),
            sg.Input("", key="PD", password_char="\u2022", font=main_font_normal),
        ],
        [sg.Text("Name", size=(8, 1), font=main_font_normal), sg.Input("", key="NM",
font=main_font_normal)],
        [sg.Text("Phone No.", size=(8, 1), font=main_font_normal), sg.Input("", key="PH",
font=main_font_normal)],
        [
            sg.Checkbox(
                "I agree to the terms and conditions", key="CK", enable_events=True
            )
        ],
        [button, sg.Btn("Cancel", key="CN2", font=main_font_normal)],
    ]
    # Create the window for sign up
    window = sg.Window("Customer Sign up", layout)
    # Add data to the customer data base

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command = "insert into customers values('{name}','{ph}','{email}','{passwd}',0)"
rng = True
while rng:
    # Take events and values
    e, v = window.read()
    if e == sg.WIN_CLOSED or e == "CN2":
        rng = False
    elif e == "CK":
        button.update(disabled = not v['CK'])
        if name and email and password and phone_no:
            if len(phone_no) == 10 and phone_no[0] != "0":
                cursor.execute("select Email_ID,Phone_Number from customers")
                data = cursor.fetchall()
                for i in data:
                    if email == i[0] or phone_no == i[1]:
                        msg.update(
                            "Another account has the same email or phone number...",
                            text_color="red",
                        )
                        print("\a")
                        break
                else:
                    command = command.format(
                        name=name, ph=phone_no, email=email, passwd=password
                    )
                    cursor.execute(command)
                    mycon.commit()
                    rng = False
            else:
                msg.update("Invalid phone number...", text_color="red")
                print("\a")
        else:
            msg.update("Please enter all the data...", text_color="red")
            print("\a")
    # Close the window
    window.close()
# Run the code only if the current file run
if __name__ == "__main__":
    Main_menu()

```

Employee Login :-



Welcome

Please choose the function

Edit Stock Data
Statistics
See Customer Details

☐ Sort by Purchase Amount
☒ Sort by Name

Search by Name

Search by Email ID

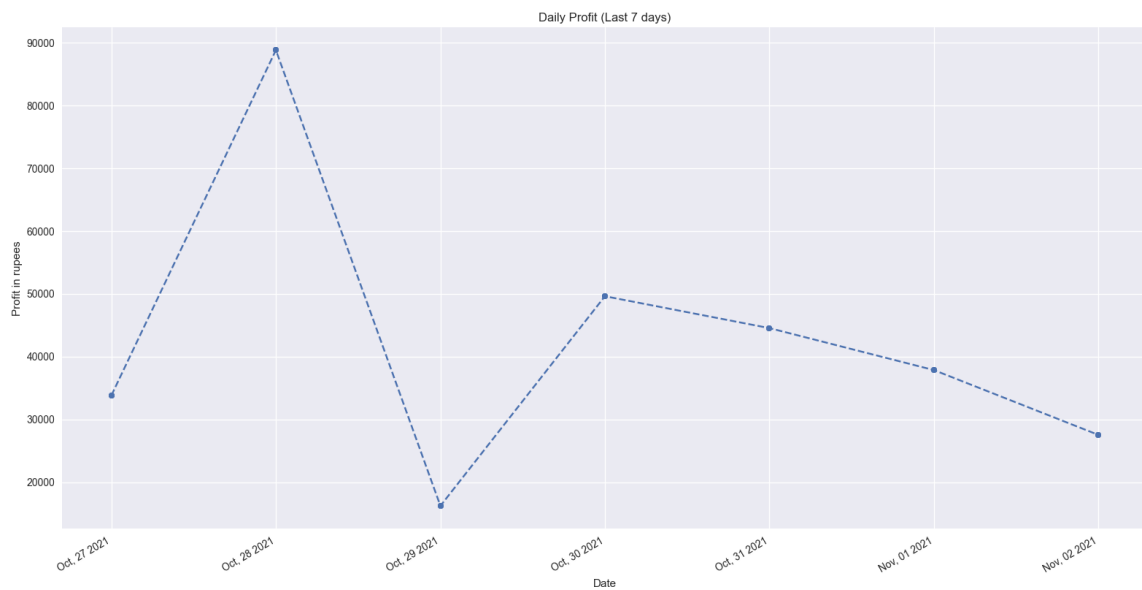
Search by Mobile

| Name | Phone_Number | Email_ID | Total_Purchase_Amt |
|-----------------|--------------|-------------------------|--------------------|
| Aaliya Khan | 7734678239 | aaliyakhan@gmail.com | 4631048.01 |
| aditya | 7028768365 | aditya | 6399.96 |
| Aditya Sekhri | 9587114527 | adityasekhri@gmail.com | 3299546.87 |
| Aishwarya | 8182487592 | aishwarya@gmail.com | 3864885.06 |
| Ajay Bakshi | 7749502187 | ajaybakshi@gmail.com | 5229143.59 |
| Ajay Sharma | 8602974263 | ajaysharma@gmail.com | 4572228.27 |
| Akash Verma | 9586513771 | akashverma@gmail.com | 4615629.78 |
| Ali Abbas Zafar | 9220367949 | aliabbaszafar@gmail.com | 4555001.57 |
| Alina | 9146971680 | alina@gmail.com | 4019020.62 |
| Aman Mathur | 8582195774 | amanmathur@gmail.com | 3787551.31 |

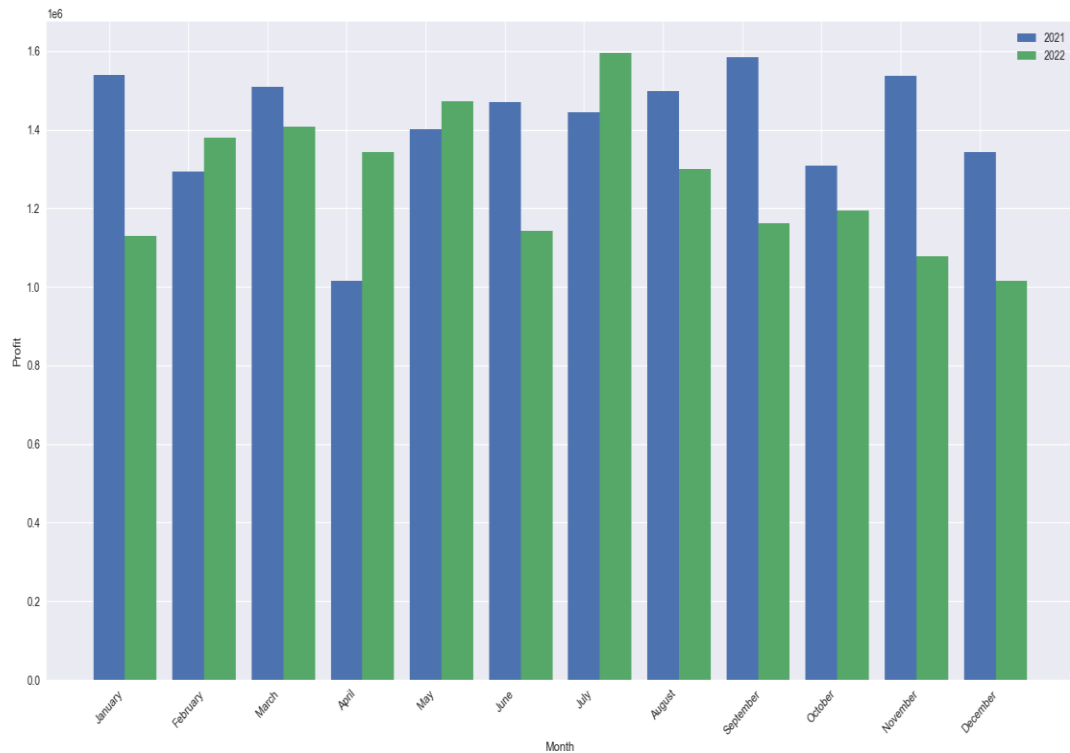
Show Details

Exit

weekly profit graph:-



Yearly profit graph:-



Customer order history :-

Welcome

Please choose the function

Edit Stock Data Statistics See

☐ Sort by Purchase Amount

Search by Name

Search by Email ID

Search by Mobile

Name

anish

Exit

anish

Exit

anish

Mobile Number: 8798765875

Email: anish

Total Amount Purchased: 150152.94

| Invoice Number | Purchase date | Total Cost |
|-----------------|---------------|------------|
| 20231104-000001 | 2023-11-04 | 2203.93 |
| 20231106-000001 | 2023-11-06 | 1199.96 |
| 20231110-000001 | 2023-11-10 | 74099.90 |
| 20231110-000002 | 2023-11-10 | 72651.94 |

Exit Show More

chase_Amt

150152.94

