Multimessenger:A Python ptoject messaging via terminal

(Done by Sagar and Muhammed Naji N M)

Sagar,12019445

Muhammed Naji N M ,12019537

```
import os
from selenium import webdriver
from time import sleep
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
from selenium.webdriver.common.keys import Keys
from pyautogui import *
import requests

import smtplib
from email.MIMEBase import MIMEBase
from email import encoders
from email.MIMEMultipart import MIMEMultipart
from email.MIMEText import MIMEText
import getpass
import tweepy
import sys
from twilio import TwilioRestException
from twilio.rest import TwilioRestClient
```

FACEBOOK:

```
your_mode= confirm(text='Enter the Type of messenger you want to use',
                   title='Mode details:Multi Messenger',buttons=['FACEBOOK','SMS','TWITTER','GMAIL'])
if (your_mode == "FACEBOOK"):
    usernam=str(input('Enter your username: '))
    password=str(input('Enter your Password: '))
    frndId = str(input('Enter your friend or Group Id: '))
    message = str(input('Enter your text message here: '))
    #this is where i open a new window
    driver = webdriver.Chrome(ChromeDriverManager().install())
    #this is where i open facebook
    driver.get ('https://www.facebook.com/')
    # this is where i start entering my username and password.
    driver.find_element_by_id("email").send_keys(usernam)
    driver.find_element_by_id('pass').send_keys(password)
    driver.find_element_by_name("login").click() # I click login button
    # login process done I am now on facebook
    sleep(1)
    # i start navigating to message and click on the friend i wanna messsage
    mesgAdd='https://www.facebook.com/messages/t/'
    mesgLink=mesgAdd+frndId
    driver.get(mesgLink)
    sleep (1)
    #This is Where I clicked the Send Message '
    driver.find_element_by_xpath('//div[@class="_lmf _lmj"]').send_keys(message, Keys.ENTER)

    # This is where I entered the keys and Did Enter
    '''
    this is how it should look like

    Enter your username abdahi.oladejo.10
    Enter your Password 9ad3e22
    Enter your friend or Group Id100016740336536/
    Enter your text message here how are you doing
    '''
```

SMS :

```
elif(your_mode == "SMS"):

    # Here i have used fast2sms api key , simply go on the site and get youre api key and replace authorization below.
    url = "https://www.fast2sms.com/dev/bulkV2"

    querystring = {"authorization":"API KEY","message":"This is test message","language":"english","route":"q","numbers":"your mobile no."}

    headers = {
        'cache-control': "no-cache"
    }

    response = requests.request("GET", url, headers=headers, params=querystring)

    print(response.text)

    {
        "return": True,
        "request_id": "lwdtp7cjyqxvfe9",
        "message": [
            "Message sent successfully"
        ]
    }
```

Twitter:

```
elif(your_mode == "TWITTER"):


    auth = tweepy.OAuthHandler(CONSUMER_KEY,CONSUMER_SECRET);
    auth.set_access_token(ACCESS_TOKEN,ACCESS_SECRET);
    print( "Enter your tweet\n");
    tweet=sys.stdin.read();
    status = tweepy.API(auth).update_status(status=tweet);

    exit_input = raw_input("To exit type EXIT, else press any key\n")
```

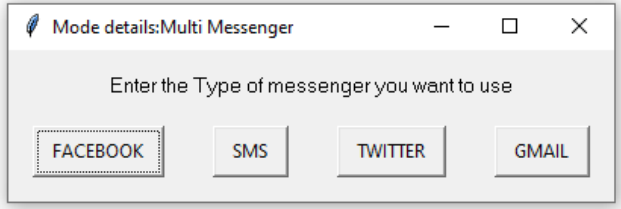
GMAIL:

```
else:


    rec_adr = raw_input("Enter receiver's email\n")
    msg= MIMEMultipart()
    subj=raw_input("Subject:")
    msg['From']=your_adr
    msg['To']=rec_adr
    msg['Subject']=subj

    print ("Enter body of email")
    body=sys.stdin.read();

    msg.attach(MIMEText(body,'plain'))

    inp = raw_input("Do you want to attach any file? y/n")
    if(inp == 'y'):
            strings = raw_input("Enter file address\n")
            if(strings != ''):
                    attachment = open(strings,'rb')
                    part = MIMEBase('application','octet-stream')
                    part.set_payload((attachment).read())
                    encoders.encode_base64(part)
                    part.add_header('Content-Disposition',"attachment; filename = %s" % strings)
                    msg.attach(part)

    server = smtplib.SMTP('smtp.gmail.com',587)
    server.starttls()
    server.login(your_adr,pass_adr)
    text = msg.as_string()
    server.sendmail(your_adr,rec_adr,text)
    server.quit()
```

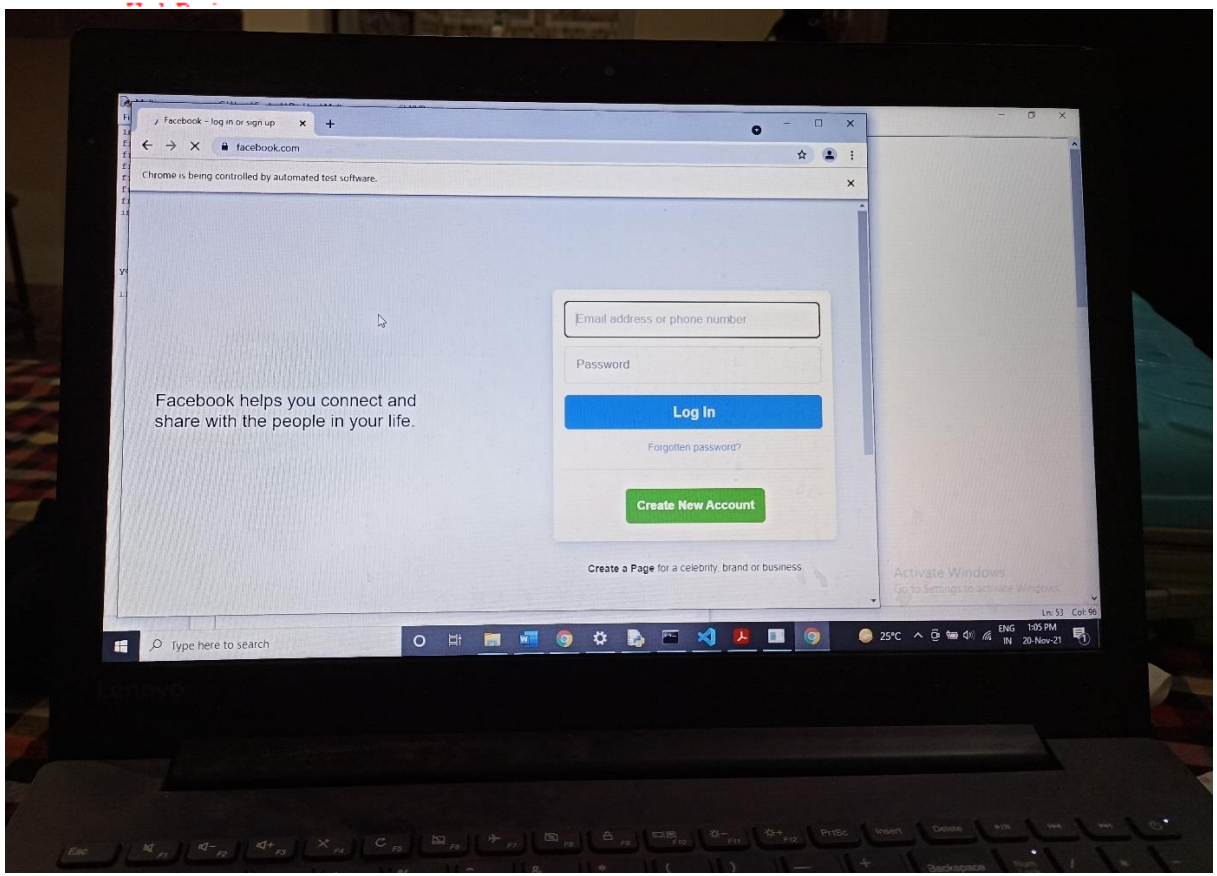
OUTPUT

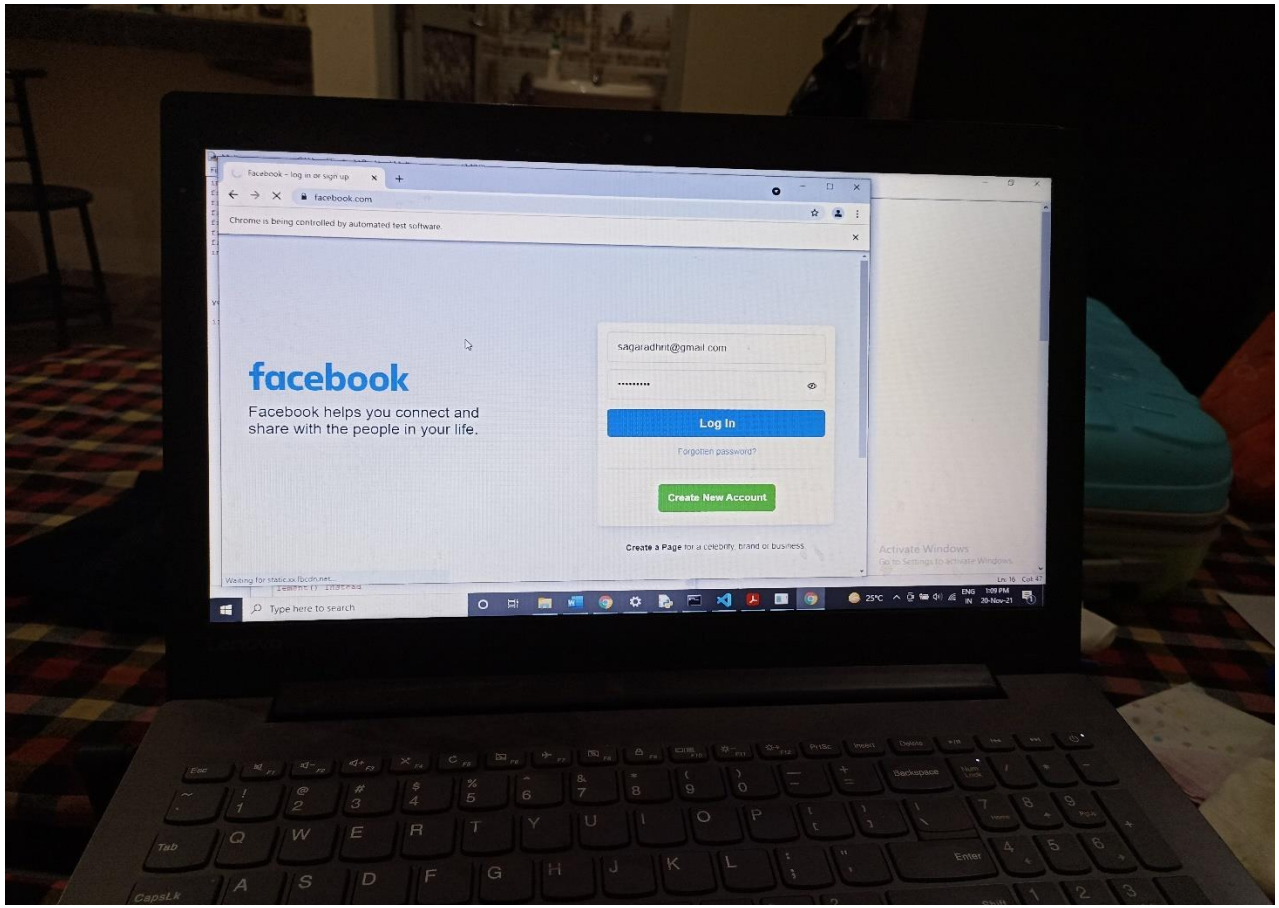
Facebook:

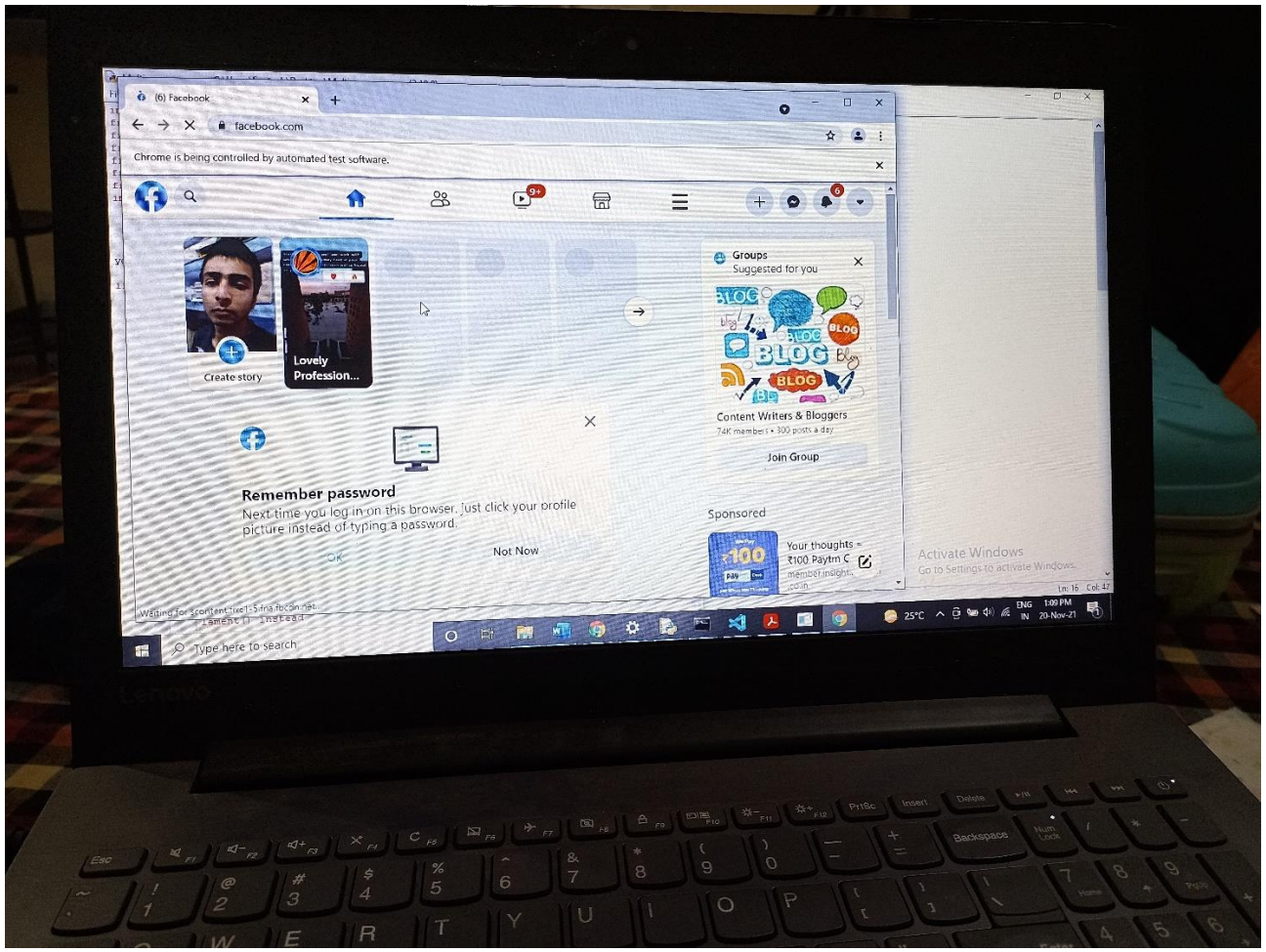
```
Python 3.10.0 (tags/v3.10.0:b494f59, Oct  4 2021, 19:00:18) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

============== RESTART: C:\Users\Santosh\Desktop\Multimessenger.py =============
```

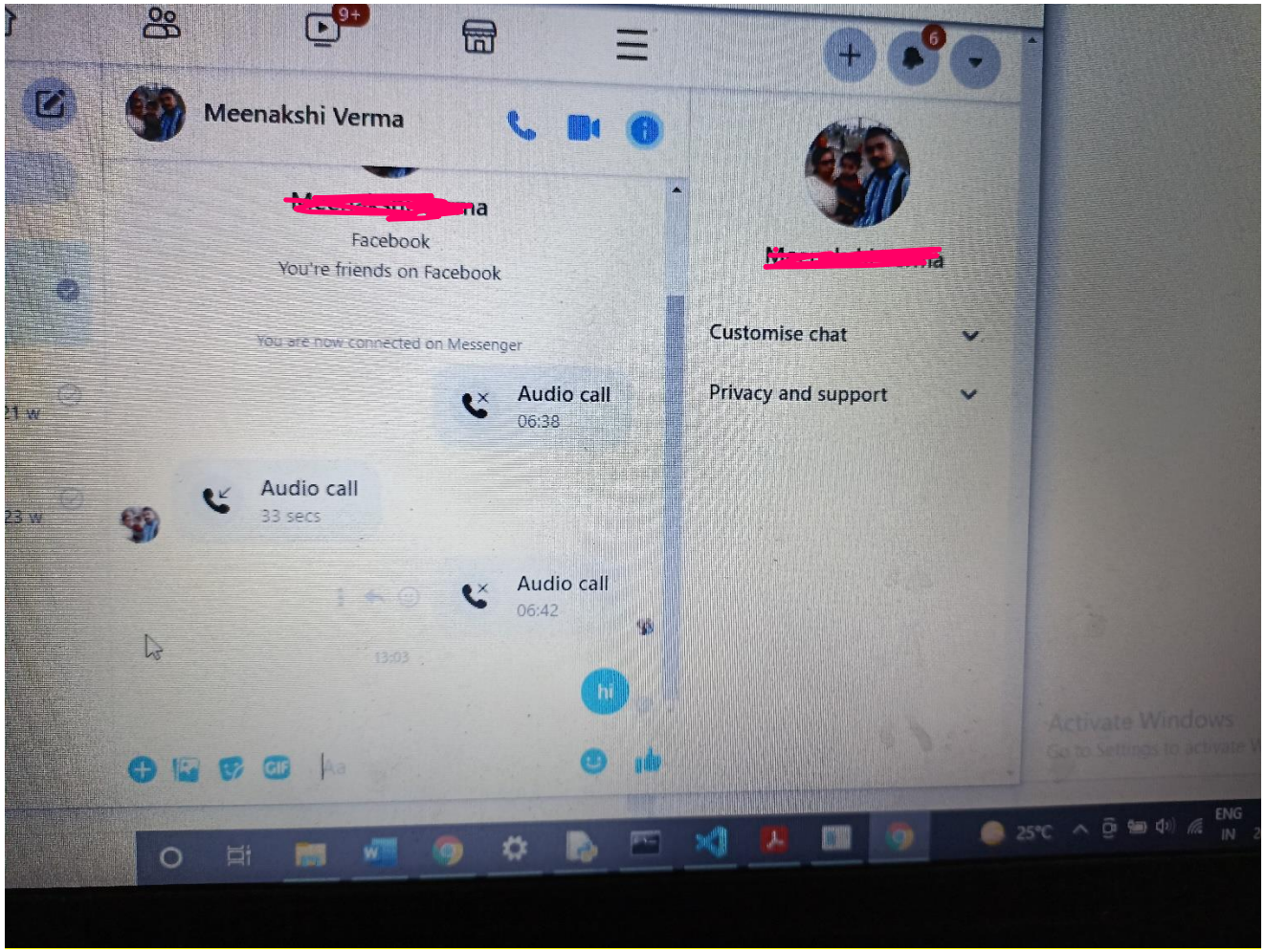


```
Enter your username:
Enter your Password:
Enter your friend or Group Id:
Enter your text message here: hi
```



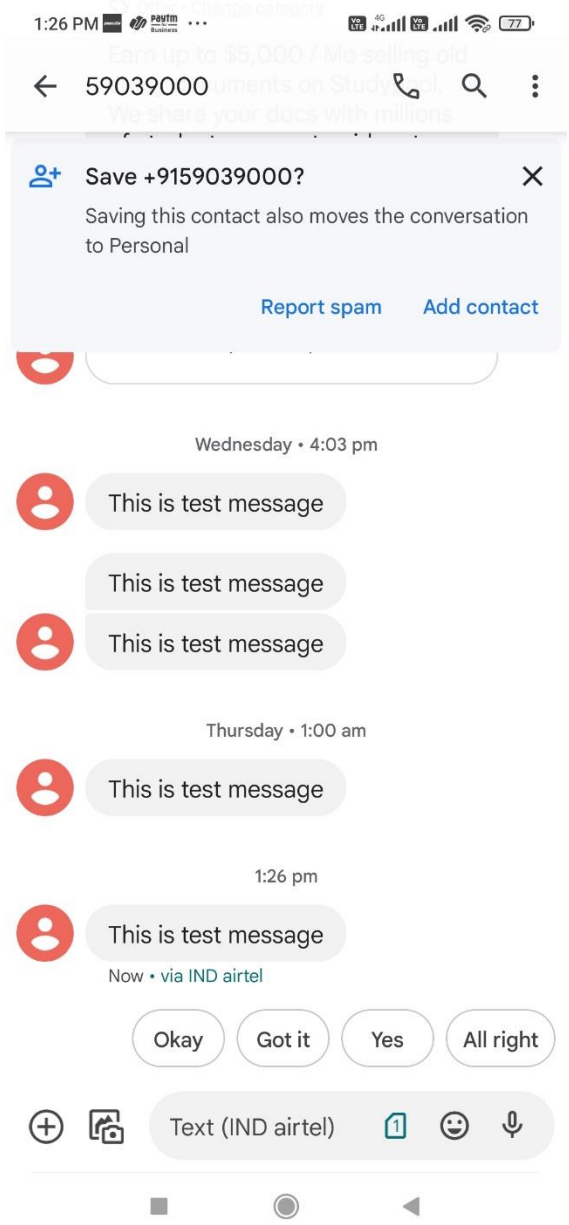

Facebook – log in or sign up
facebook.com
Chrome is being controlled by automated test software.
facebook
Facebook helps you connect and share with the people in your life.
sagaradhrit@gmail.com
Log In
Forgotten password?
Create New Account
Create a Page for a celebrity, brand or business.
Activate Windows
Type here to search
25°C


(6) Facebook
facebook.com
Chrome is being controlled by automated test software.
Create story
Lovely Profession...
Groups
Suggested for you
Content Writers & Bloggers
74K members • 300 posts a day
Join Group
Remember password
Next time you log in on this browser, just click your profile picture instead of typing a password.
OK
Not Now
Sponsored
Your thoughts =
₹100 Paytm C
Activate Windows
Go to Settings to activate Windows.
Type here to search
25°C
ENG
IN
1:09 PM
20-Nov-21


Meenakshi Verma
Facebook
You're friends on Facebook
You are now connected on Messenger
Audio call
06:38
Audio call
33 secs
Audio call
06:42
hi
Customise chat
Privacy and support
Activate Windows

SMS :

```
============== RESTART: C:\Users\Santosh\Desktop\Multimessenger.py =============
{"return":true,"request_id":"ohzxw0t9d2lerny","message":["SMS sent successfully.
"]}
```


1:26 PM
59039000
Save +9159039000?
Saving this contact also moves the conversation to Personal
Report spam
Add contact
Wednesday • 4:03 pm
This is test message
This is test message
This is test message
Thursday • 1:00 am
This is test message
1:26 pm
This is test message
Now • via IND airtel
Okay
Got it
Yes
All right
Text (IND airtel)