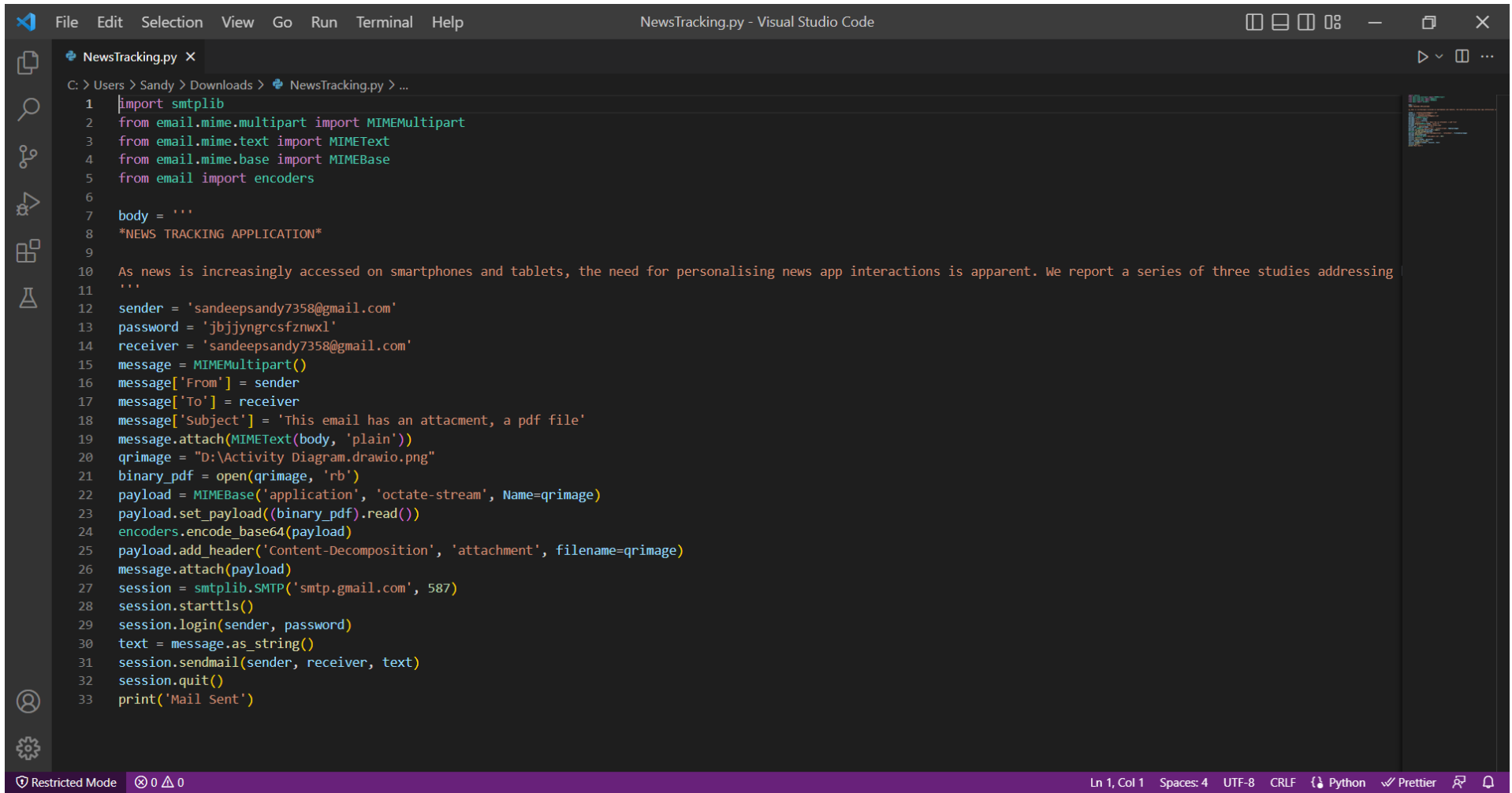


Setting up Application Environment

Creating an SendGrid using SMTP

Date	05 November, 2022
Team ID	PNT2022TMID27153
Project Name	NEWS TRACKER APPLICATION

Creating an SendGrid using SMTP:



```
File Edit Selection View Go Run Terminal Help NewsTracking.py - Visual Studio Code
NewsTracking.py X
C: > Users > Sandy > Downloads > NewsTracking.py > ...
1 import smtplib
2 from email.mime.multipart import MIMEMultipart
3 from email.mime.text import MIMEText
4 from email.mime.base import MIMEBase
5 from email import encoders
6
7 body = '''
8 *NEWS TRACKING APPLICATION*
9
10 As news is increasingly accessed on smartphones and tablets, the need for personalising news app interactions is apparent. We report a series of three studies addressing
11 '''
12 sender = 'sandeepsandy7358@gmail.com'
13 password = 'jbjjyngrcsfznwxi'
14 receiver = 'sandeepsandy7358@gmail.com'
15 message = MIMEMultipart()
16 message['From'] = sender
17 message['To'] = receiver
18 message['Subject'] = 'This email has an attachment, a pdf file'
19 message.attach(MIMEText(body, 'plain'))
20 qimage = "D:\Activity Diagram.drawio.png"
21 binary_pdf = open(qimage, 'rb')
22 payload = MIMEBase('application', 'octate-stream', Name=qimage)
23 payload.set_payload((binary_pdf).read())
24 encoders.encode_base64(payload)
25 payload.add_header('Content-Decomposition', 'attachment', filename=qimage)
26 message.attach(payload)
27 session = smtplib.SMTP('smtp.gmail.com', 587)
28 session.starttls()
29 session.login(sender, password)
30 text = message.as_string()
31 session.sendmail(sender, receiver, text)
32 session.quit()
33 print('Mail Sent')
```

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File Edit Selection View Go Run Terminal Help

NewsTracking.py - Visual Studio Code

Run and Debug

To customize Run and Debug, open a folder and create a launch.json file.

Show all automatic debug configurations.

NewsTracking.py

C: > Users > Sandy > Downloads > NewsTracking.py > ...
1 import smtplib
2 from email.mime.multipart import MIMEMultipart
3 from email.mime.text import MIMEText
4 from email.mime.base import MIMEBase
5 from email import encoders
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12 sender = 'sandeepsandy7358@gmail.com'
13 password = 'jbjjyngrcsfznw1'
14 receiver = 'sandeepsandy7358@gmail.com'
15 message = MIMEMultipart()
16 message['From'] = sender
17 message['To'] = receiver
18 message['Subject'] = 'This email has an attacment, a pdf file'
19 message.attach(MIMEText(body, 'plain'))
20 qrimage = "D:\Activity Diagram.drawio.png"
21 binary_pdf = open(qrimage, 'rb')
22 payload = MIMEBase('application', 'octate-stream', Name=qrimage)
23 payload.set_payload((binary_pdf).read())

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
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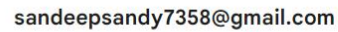
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\Sandy> & C:/Users/Sandy/AppData/Local/Programs/Python/Python310/python.exe c:/Users/Sandy/Downloads/NewsTracking.py
Mail Sent
PS C:\Users\Sandy>

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