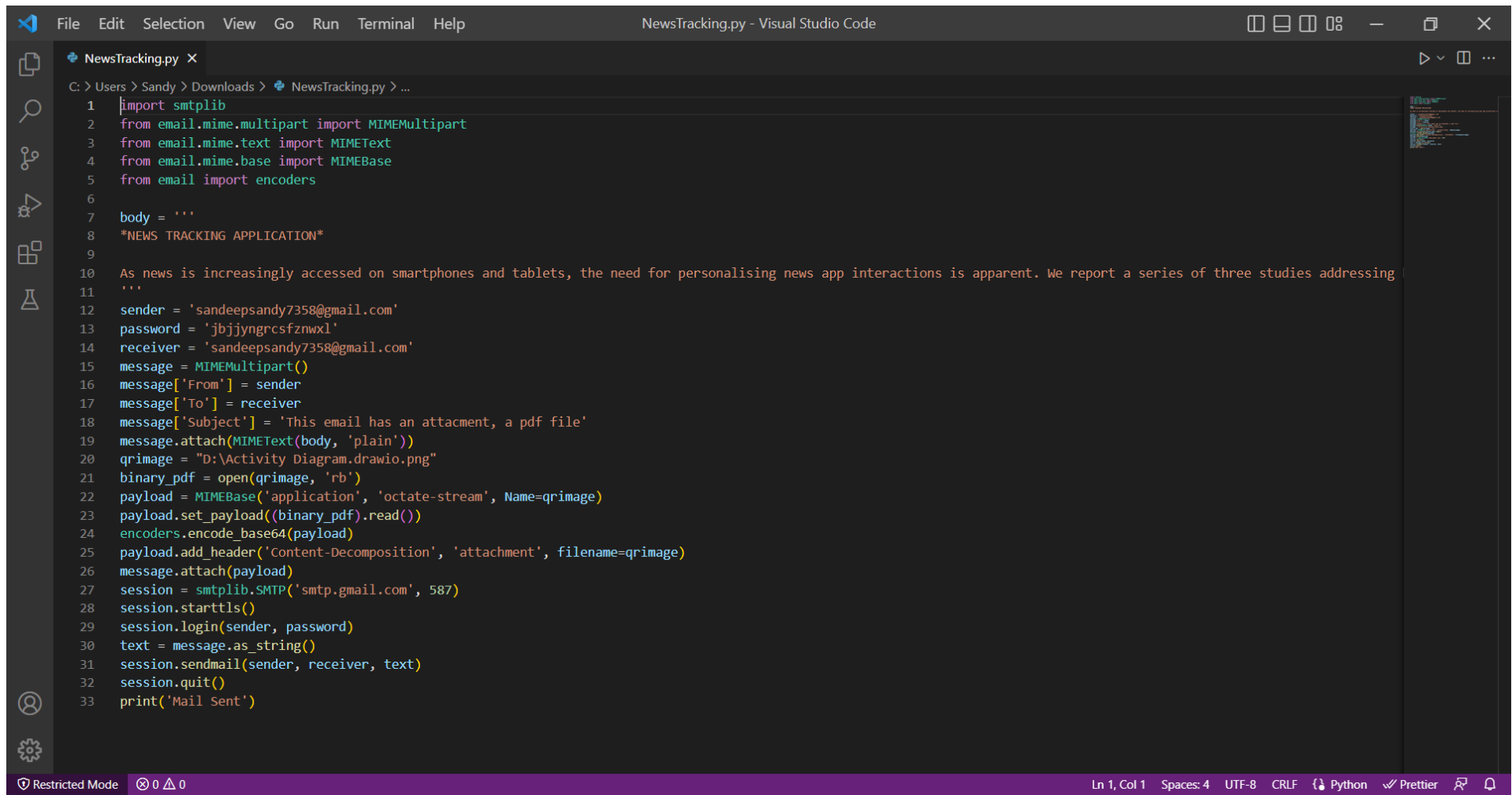


Setting up Application Environment

Creating an SendGrid using SMTP

Date	05 November, 2022
Team ID	PNT2022TMID27167
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 = 'jbjjyngrcsfznwxl'
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 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())
24 encoders.encode_base64(payload)
25 payload.add_header('Content-Decomposition', 'attachment', filename=qrimage)
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
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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>

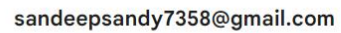
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit Go Live Apex PMD Prettier



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to me ▼

📎 1:26 PM (0 minutes ago)



NEWS TRACKING APPLICATION

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 key issues in the development of adaptive news app interfaces. We first surveyed users' news reading preferences and behaviours; analysis revealed three primary types of reader. We then implemented and deployed an Android news app that logs users' interactions with the app. We used the logs to train a classifier and showed that it is able to reliably recognise a user according to their reader type. Finally we evaluated alternative, adaptive user interfaces for each reader type. The evaluation demonstrates the differential benefit of the adaptation for different users of the news app and the feasibility of adaptive interfaces for news apps.

One attachment • Scanned by Gmail ⓘ

