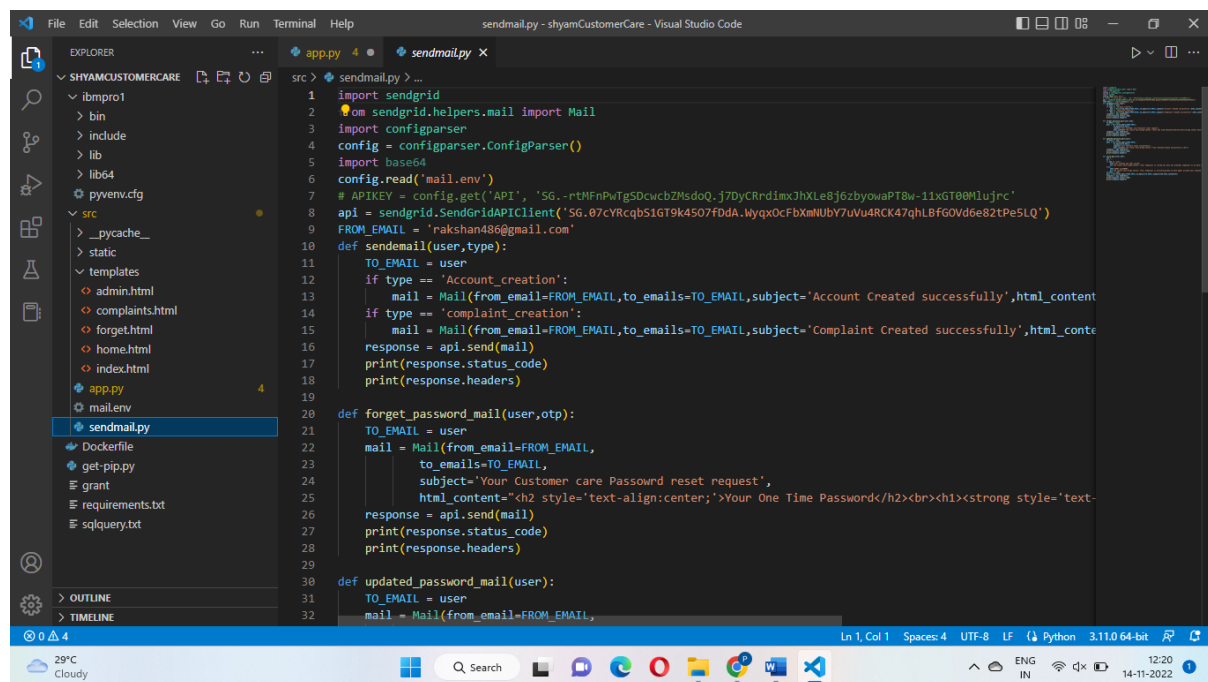


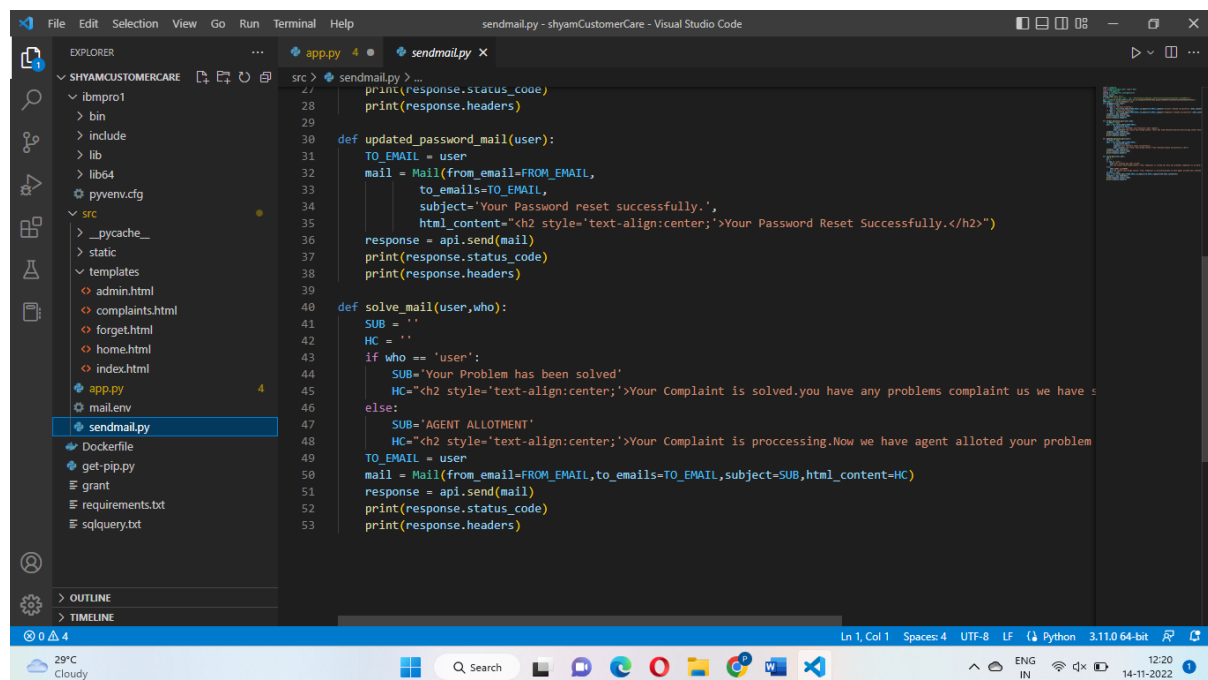
SendGrid integration with python code

Date	14 November 2022
Team ID	PNT2022TMID08534
Project Name	Customer care Registry
Maximum Marks	



The screenshot shows a Visual Studio Code editor window with the file explorer on the left displaying a project structure for 'SHYAMCUSTOMERCARE'. The main editor area shows the 'sendmail.py' file with the following Python code:

```
1 import sendgrid
2 from sendgrid.helpers.mail import Mail
3 import configparser
4 config = configparser.ConfigParser()
5 import base64
6 config.read('mail.env')
7 # APIKEY = config.get('API', 'SG.-rTMFnPwTgSDcwbZMsdoQ.J7DyCRrdimxJhXLe8j6zbyowaPT8w-11xGT00MluJrc')
8 api = sendgrid.SendGridAPIClient("SG.07cRcqbS1GT9K4507fDdA.Wyqx0cFbXmNUbY7uVu4RCK47qhLBfG0Vd6e82tPe5LQ")
9 FROM_EMAIL = 'nakshan486@gmail.com'
10 def sendmail(user,type):
11     TO_EMAIL = user
12     if type == 'Account_creation':
13         mail = Mail(from_email=FROM_EMAIL,to_emails=TO_EMAIL,subject='Account Created successfully',html_content='')
14     if type == 'complaint_creation':
15         mail = Mail(from_email=FROM_EMAIL,to_emails=TO_EMAIL,subject='Complaint Created successfully',html_content='')
16     response = api.send(mail)
17     print(response.status_code)
18     print(response.headers)
19
20 def forget_password_mail(user,otp):
21     TO_EMAIL = user
22     mail = Mail(from_email=FROM_EMAIL,
23               to_emails=TO_EMAIL,
24               subject='Your Customer care Password reset request',
25               html_content='<h2 style="text-align:center;">Your One Time Password</h2><br><h1><strong style="text-align:center;">Your One Time Password</strong></h1>')
26     response = api.send(mail)
27     print(response.status_code)
28     print(response.headers)
29
30 def updated_password_mail(user):
31     TO_EMAIL = user
32     mail = Mail(from_email=FROM_EMAIL,
```



The screenshot shows the continuation of the 'sendmail.py' file in the Visual Studio Code editor. The code continues from the previous block:

```
32     mail = Mail(from_email=FROM_EMAIL,
33               to_emails=TO_EMAIL,
34               subject='Your Password reset successfully',
35               html_content='<h2 style="text-align:center;">Your Password Reset Successfully.</h2>')
36     response = api.send(mail)
37     print(response.status_code)
38     print(response.headers)
39
40 def solve_mail(user,who):
41     SUB = ''
42     HC = ''
43     if who == 'user':
44         SUB='Your Problem has been solved'
45         HC='<h2 style="text-align:center;">Your Complaint is solved.you have any problems complaint us we have solved it</h2>')
46     else:
47         SUB='AGENT ALLOTMENT'
48         HC='<h2 style="text-align:center;">Your Complaint is processing.Now we have agent allotted your problem</h2>')
49     TO_EMAIL = user
50     mail = Mail(from_email=FROM_EMAIL,to_emails=TO_EMAIL,subject=SUB,html_content=HC)
51     response = api.send(mail)
52     print(response.status_code)
53     print(response.headers)
```

