INTEGRATING SENDGRID SERVICE

Sendgrid integration with python code

Team ID	PNT2022TMID24703
Project Name	Project - Containment Zone Alerting Application
Maximum Marks	4 Marks

```python
import smtplib
from email.message import EmailMessage
def usermail(TEXT,tomail):
    msg = EmailMessage()
    msg['Subject'] = 'Complaint Registered | Customer Care Registry'
    msg['From'] = 'nitishariharan@gmail.com'
    msg['To'] = tomail
    msg.set_content('')
    msg.add_alternative(TEXT,subtype='html')


    with smtplib.SMTP('smtp.gmail.com',587) as smtp:
        smtp.ehlo()
        smtp.starttls()
        smtp.ehlo()
        smtp.login('nitishariharan@gmail.com','nitishari')
        smtp.send_message(msg)


def agentmail(TEXT,tomail):
    msg = EmailMessage()
    msg['Subject'] = 'New Complaint Registered | Containment zone alerting'
    msg['From'] = 'nitishariharan@gmail.com'
    msg['To'] = tomail
    msg.set_content('')
    msg.add_alternative(TEXT,subtype='html')


    with smtplib.SMTP('smtp.gmail.com',587) as smtp:
        smtp.ehlo()
        smtp.starttls()
        smtp.ehlo()
        smtp.login('nitishariharan@gmail.com','Buddy@69')
        smtp.send_message(msg)
```

```python
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    from_email='from_email@example.com',
    to_emails='to@example.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')
try:
    sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```