

INTEGRATING SENDGRID SERVICE

Sendgrid integration with python code

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

```
Users > blessing-pt6163 > hi.py > agentmail
1 import smtplib
2 from email.message import EmailMessage
3 def usermail(TEXT,tomail):
4     msg = EmailMessage()
5     msg['Subject'] = 'Complaint Registered | Customer Care Registry'
6     msg['From'] = 'nitishariharan@gmail.com'
7     msg['To'] = tomail
8     msg.set_content('')
9     msg.add_alternative(TEXT,subtype='html')
10
11
12     with smtplib.SMTP('smtp.gmail.com',587) as smtp:
13         smtp.ehlo()
14         smtp.starttls()
15         smtp.ehlo()
16         smtp.login('nitishariharan@gmail.com','nitishari')
17         smtp.send_message(msg)
18
19
20 def agentmail(TEXT,tomail):
21     msg = EmailMessage()
22     msg['Subject'] = 'New Complaint Registered | Containment zone alerting'
23     msg['From'] = 'nitishariharan@gmail.com'
24     msg['To'] = tomail
25     msg.set_content('')
26     msg.add_alternative(TEXT,subtype='html')
27
28
29     with smtplib.SMTP('smtp.gmail.com',587) as smtp:
30         smtp.ehlo()
31         smtp.starttls()
32         smtp.ehlo()
33         smtp.login('nitishariharan@gmail.com','Buddy@69')
34         smtp.send_message(msg)]

Users > blessing-pt6163 > hi.py > ...
1 import os
2 from sendgrid import SendGridAPIClient
3 from sendgrid.helpers.mail import Mail
4
5 message = Mail(
6     from_email='from_email@example.com',
7     to_emails='to@example.com',
8     subject='Sending with Twilio SendGrid is Fun',
9     html_content='<strong>and easy to do anywhere, even with Python</strong>')
10
11 try:
12     sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
13     response = sg.send(message)
14     print(response.status_code)
15     print(response.body)
16     print(response.headers)
17 except Exception as e:
18     print(e.message)
```