Integrating SendGrid Service

SendGrid Integration With Python Code

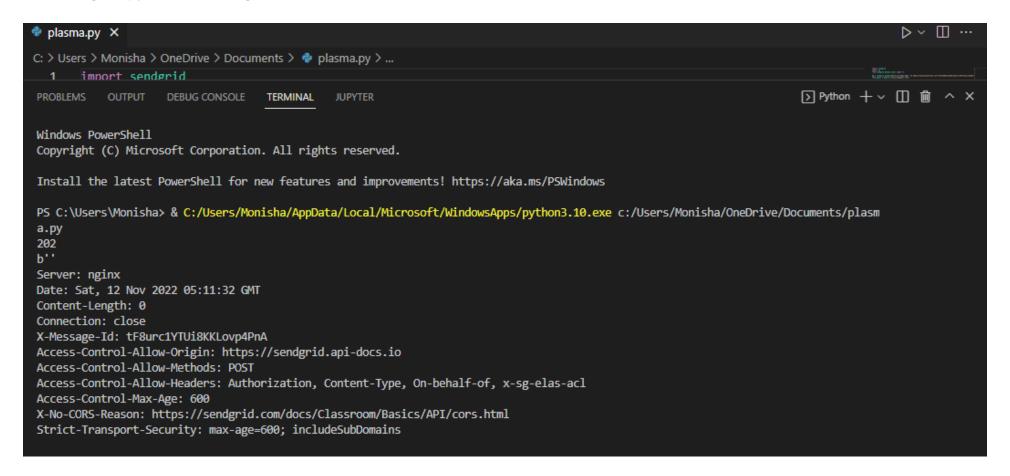| Date	08 November, 2022
Team ID	PNT2022TMID27128
Project Name	Plasma Donor Application

Creating an API Key

Creating a Virtual Environment "EmailTest " and creating plasma.py file with the following code inside the virtual environment

```python
import sendgrid
import os
from sendgrid.helpers.mail import *

sg = sendgrid.SendGridAPIClient(api_key)
from_email = Email("itaswinic@gmail.com")
to_email = To("aswinichittibabu05@gmail.com")
subject = "Your little efforts can give others second chances to live life."
content = Content("text/plain", "Thank you for choosing our plasma donor application for donating plasma. Your account
has been created and one step ahead to go, please verify your email ID.")
mail = Mail(from_email, to_email, subject, content)
response = sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)
```

Running the python file through the terminal

Test mail received via SendGrid