

Project Development Phase

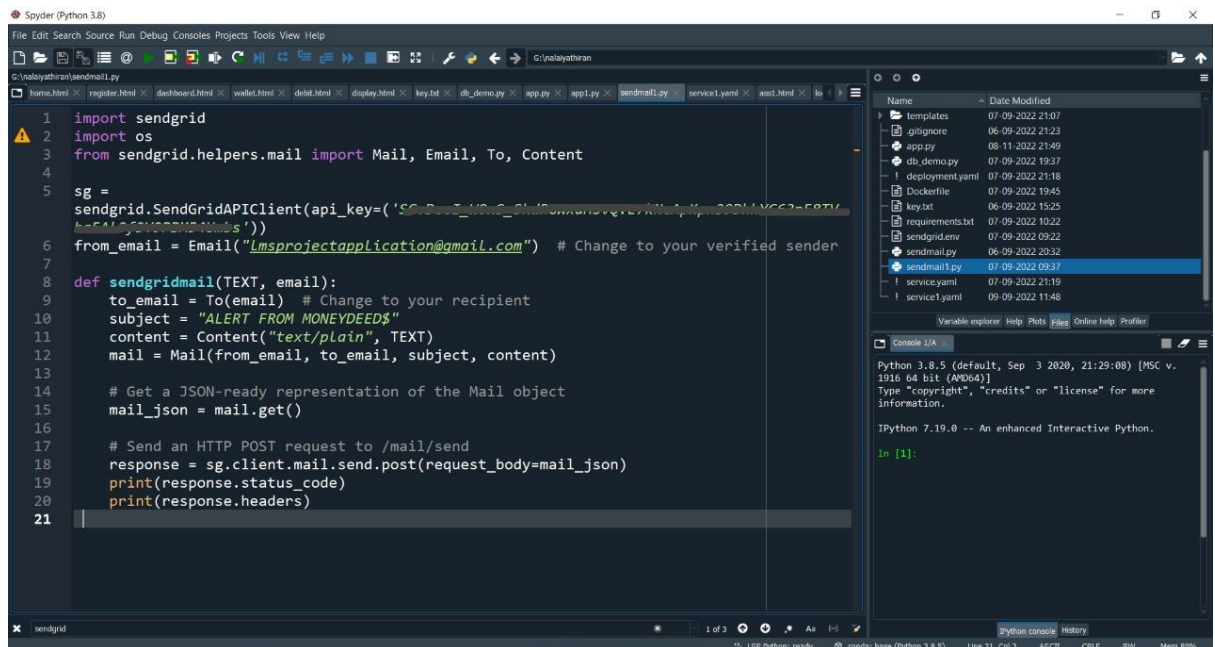
Delivery of Sprint 3

Team ID	PNT2022TMID22045
Project Title	Personal Expense Tracker

Sprint 3

- Alert

- Alert:



The screenshot shows the Spyder Python IDE interface. The main editor displays a Python script for sending an email using the SendGrid API. The script includes imports for sendgrid and os, and uses the sendgrid.helpers.mail module for email-related functions. It defines a function sendgridmail that takes a text message and an email address as input, constructs a mail object, and sends it via the SendGrid API. The script also includes a main block that calls the sendgridmail function with a sample text message and email address.

```
1 import sendgrid
2 import os
3 from sendgrid.helpers.mail import Mail, Email, To, Content
4
5 sg =
6 sendgrid.SendGridAPIClient(api_key=('SG-9wG5-M0nG-ChWkRumhVg1vRNMaPpKp300MVC62-C8TV
7 h-6ALGJONW0RNSWu0s'))
8 from_email = Email("lmsprojectapplication@gmail.com") # Change to your verified sender
9
10 def sendgridmail(TEXT, email):
11     to_email = To(email) # Change to your recipient
12     subject = "ALERT FROM MONEYDEEDS"
13     content = Content("text/plain", TEXT)
14     mail = Mail(from_email, to_email, subject, content)
15
16     # Get a JSON-ready representation of the Mail object
17     mail_json = mail.get()
18
19     # Send an HTTP POST request to /mail/send
20     response = sg.client.mail.send.post(request_body=mail_json)
21     print(response.status_code)
22     print(response.headers)
```

The right sidebar shows the file explorer with a list of files and folders, including templates, .gitignore, app.py, db_demo.py, deployment.yaml, Dockerfile, key.txt, requirements.txt, sendgridenv, sendmail.py, service.yaml, and service1.yaml. The console at the bottom shows the output of the script, indicating that the email was sent successfully.

