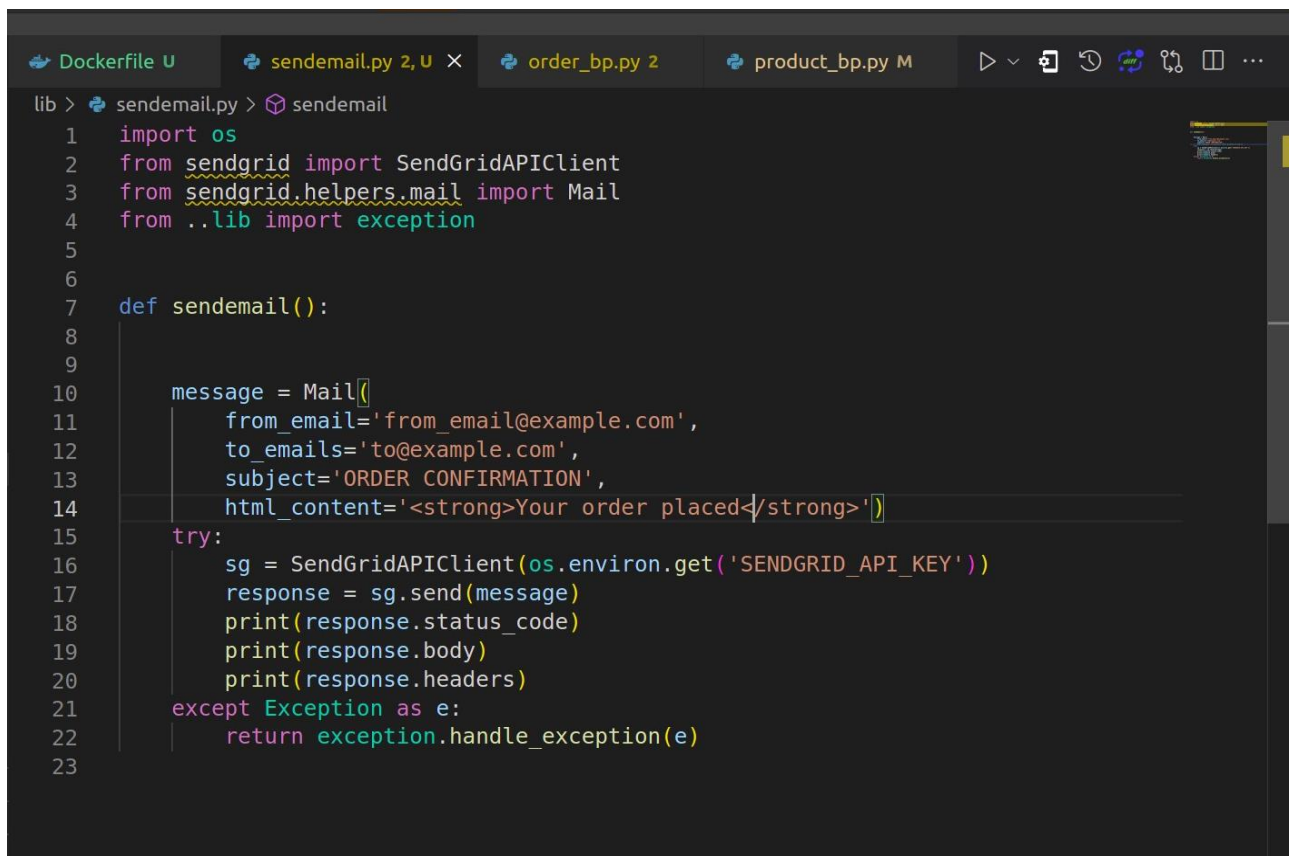


SendGrid Integration With Python Code

Date: 2nd Nov 2022

Team ID: PNT2022TMID08215

Project Name: Smart Fashion Recommender Application



The screenshot shows a code editor with four tabs: 'Dockerfile U', 'sendemail.py 2, U X', 'order_bp.py 2', and 'product_bp.py M'. The active tab is 'sendemail.py 2, U X'. The code in the editor is as follows:

```
lib > sendemail.py > sendemail
1  import os
2  from sendgrid import SendGridAPIClient
3  from sendgrid.helpers.mail import Mail
4  from ..lib import exception
5
6
7  def sendemail():
8
9
10     message = Mail(
11         from_email='from_email@example.com',
12         to_emails='to@example.com',
13         subject='ORDER CONFIRMATION',
14         html_content='<strong>Your order placed</strong>')
15     try:
16         sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
17         response = sg.send(message)
18         print(response.status_code)
19         print(response.body)
20         print(response.headers)
21     except Exception as e:
22         return exception.handle_exception(e)
23
```

Code:

```
import os

from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

from ..lib import exception

def sendemail():

    message = Mail(
        from_email='from_email@example.com',
        to_emails='to@example.com',
        subject='ORDER CONFIRMATION',
        html_content='<strong>Your order placed</strong>')

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        sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))

        response = sg.send(message)
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        print(response.headers)
    except Exception as e:
        return exception.handle_exception(e)
```