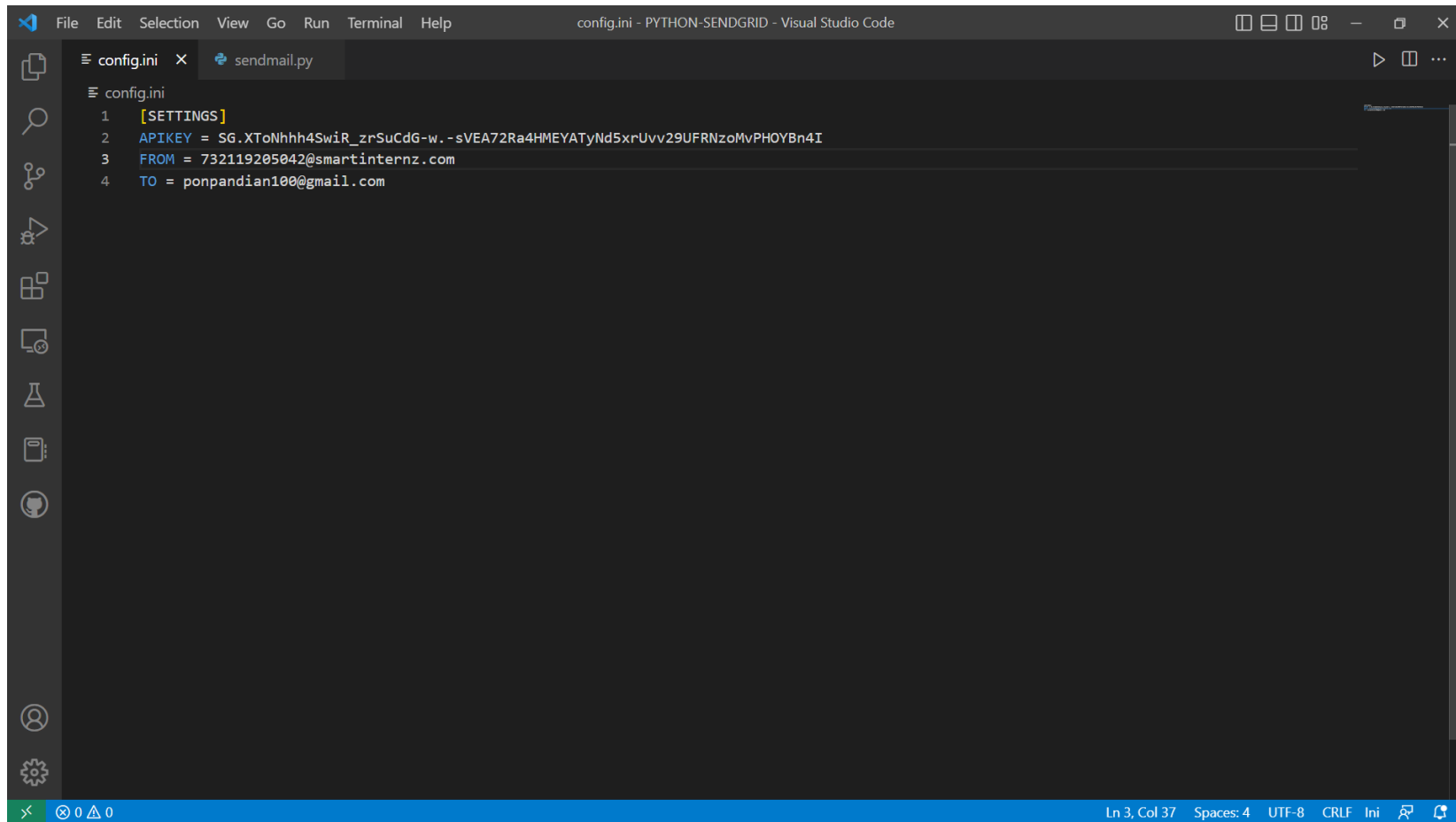


Project Development Phase

Date	02 November 2022
Team ID	PNT2022TMID32271
Project Name	Skill and Job Recommender Application

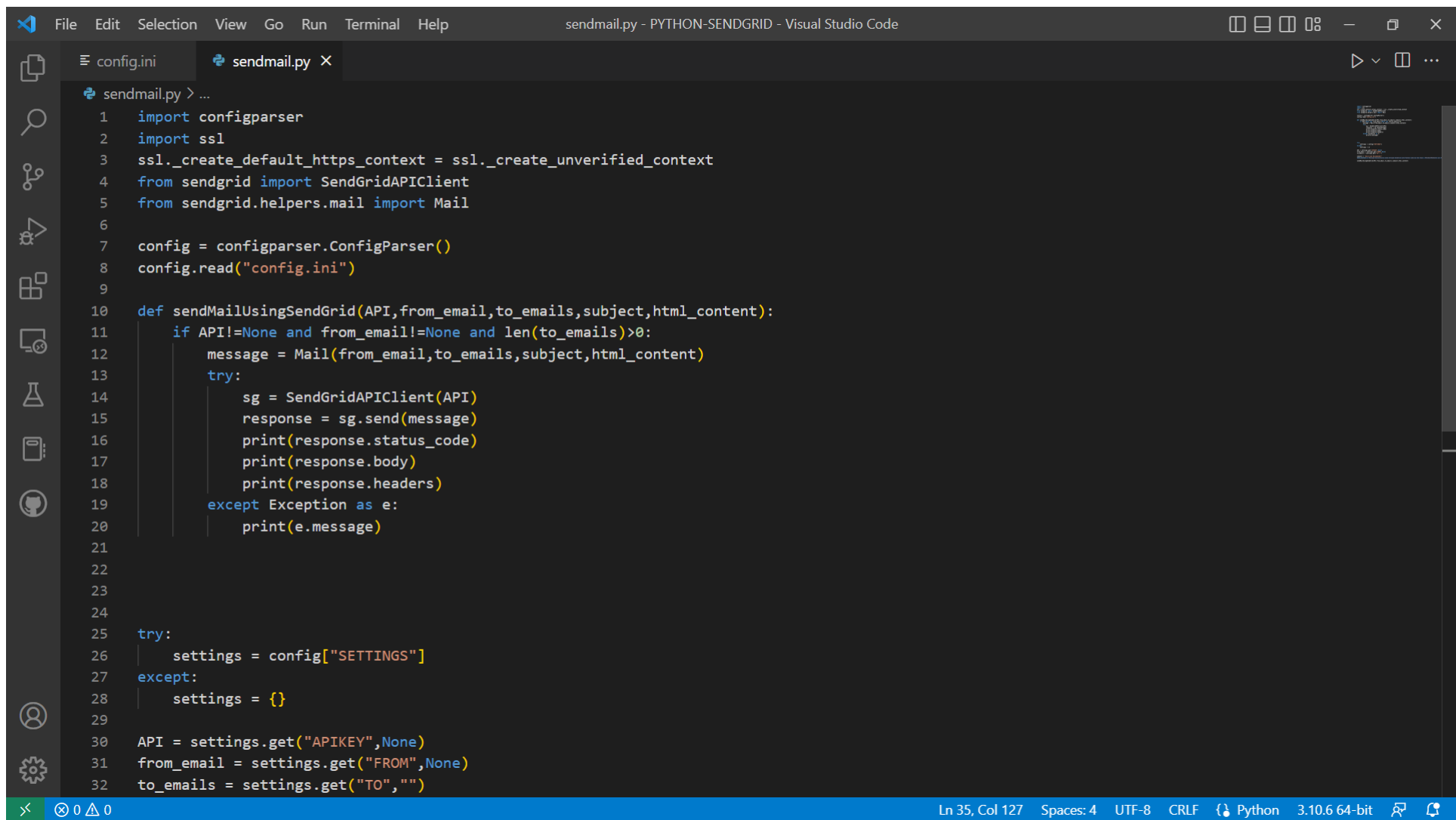
SENDGRID INTEGRATION WITH PYTHON CODE:



The screenshot shows the Visual Studio Code editor interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The title bar indicates the current file is 'config.ini - PYTHON-SENDGRID - Visual Studio Code'. The left sidebar contains icons for Explorer, Search, Source Control, Run and Debug, Extensions, Testing, Accounts, and Settings. The main editor area displays the 'config.ini' file with the following content:

```
config.ini
1  [SETTINGS]
2  APIKEY = 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
3  FROM = 732119205042@smartinternz.com
4  TO = ponpandian100@gmail.com
```

The status bar at the bottom shows 'Ln 3, Col 37', 'Spaces: 4', 'UTF-8', 'CRLF', 'Ini', and a search icon.



The image shows a Visual Studio Code editor window with a dark theme. The title bar at the top reads "sendmail.py - PYTHON-SENDGRID - Visual Studio Code". The menu bar includes "File", "Edit", "Selection", "View", "Go", "Run", "Terminal", and "Help". The Explorer sidebar on the left shows two files: "config.ini" and "sendmail.py". The main editor area displays the "sendmail.py" file, which contains the following Python code:

```
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 config = configparser.ConfigParser()
8 config.read("config.ini")
9
10 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
11     if API!=None and from_email!=None and len(to_emails)>0:
12         message = Mail(from_email,to_emails,subject,html_content)
13         try:
14             sg = SendGridAPIClient(API)
15             response = sg.send(message)
16             print(response.status_code)
17             print(response.body)
18             print(response.headers)
19         except Exception as e:
20             print(e.message)
21
22
23
24
25 try:
26     settings = config["SETTINGS"]
27 except:
28     settings = {}
29
30 API = settings.get("APIKEY",None)
31 from_email = settings.get("FROM",None)
32 to_emails = settings.get("TO",")
```

The status bar at the bottom indicates the current position is "Ln 35, Col 127", with "Spaces: 4", "UTF-8", "CRLF", "Python", and "3.10.6 64-bit" settings.

The image shows a Visual Studio Code window with the title "sendmail.py - PYTHON-SENDGRID - Visual Studio Code". The editor has two tabs: "config.ini" and "sendmail.py". The "sendmail.py" tab is active, showing the following Python code:

```
31 from_email = settings.get("FROM",None)
32 to_emails = settings.get("TO","")
33
34 subject = "Skill/Job Recommender"
35 html_content = "Message Successfully send through SendGrid with Python code by the Team : PNT2022TMID32271 our Project Name is Job /Skill R
36
37 sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content)]
```

The bottom of the window features a terminal panel with tabs for "PROBLEMS", "OUTPUT", "DEBUG CONSOLE", "TERMINAL", and "JUPYTER". The "TERMINAL" tab is selected, displaying the output of a PowerShell command executed in the directory "D:\PYTHON-SENDGRID".

```
PS D:\PYTHON-SENDGRID> python -u "d:\PYTHON-SENDGRID\sendmail.py"
202
b''
Server: nginx
Date: Mon, 14 Nov 2022 17:17:15 GMT
Content-Length: 0
Connection: close
X-Message-Id: GE8Zmai8RRct205iEOYEzg
Access-Control-Allow-Origin: https://sendgrid.api-docs.io
Access-Control-Allow-Methods: POST
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
Access-Control-Max-Age: 600
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includeSubDomains

PS D:\PYTHON-SENDGRID>
```

The status bar at the bottom indicates the current position is "Ln 37, Col 69", with "Spaces: 4", "UTF-8", "CRLF", "Python", and "3.10.6 64-bit" settings.

EMAIL FROM SENDGRID:

