INTEGRATING SENDGRID SERVICE

Date	16 November 2022
Team ID	PNT2022TMID20598
Project Name	Skill / Job Recommender-Cloud Application Development
Maximum Marks	4 Marks

SENDGRID PYTHON CODE:

```python
import smtplib

import sendgrid

import os

from sendgrid.helpers.mail import Mail, Email, To, Content

SUBJECT = "Interview Call"

s = smtplib.SMTP('smtp.gmail.com', 587)

# def sendmail(TEXT,email):

# print("sorry we cant process your candidature")

# s = smtplib.SMTP('smtp.gmail.com', 587)

# s.starttls()

# s.login("il.pradeepthi@gmail.com", "oms@1Ram")

# message = 'Subject: {}\n\n{}'.format(SUBJECT, TEXT)

# s.sendmail("il.pradeepthi@gmail.com", email, message)

# s.quit()

# def sendgridmail(user,TEXT):

user = 'sthatchu246@gmail.com'

TEXT = 'HELLO WELCOME'

sg = sendgrid.SendGridAPIClient('API-KEY')

from_email = Email("sthatchu413@gmail.com'") # Change to your verified sender

to_email = To(user) # Change to your recipient

subject = "Sending with SendGrid is Fun"

content = Content("text/plain",TEXT)

mail = Mail(from_email, to_email, subject, content)
```

```
response = sg.send(mail)
print(response.status_code)
print(response.body)
print(response.headers)

# Get a JSON-ready representation of the Mail object
# Send an HTTP POST request to /mail/send
#response = sg.client.mail.send.post(request_body=mail_json)
#print(response.status_code)
#print(response.headers)

#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
```

Flask mail is used here instead of SendGrid

```
# importing libraries from flask import Flask

from flask_mail import Mail, Message app = Flask(name )
mail = Mail(app) # instantiate the mail class # configuration of mail
app.config['MAlL_SERVER'] = 'smtp.gmail.com'
app.congig['MAIL_PORT']=465
app.config['MAIL_USERNAME']='yourld@gmail.com'
app.config['MAIL_PASSWROD']=
'*****'app.config['MAIL_USE_TLS']=False app.config['MAIL_USE_SSL']=
True
mail = Mail(app)
# message object mapped to a particular URL '/'
@app.route("/") def index():
msg = Message(
'Hello',
sender ='yourld@gmail.com',
recipients =
['receiver'sid@gmail.com']
}
msg.body = 'Hello Flask message sent from Flask-Mail'
mail.send(msg)return 'Sent'
if name == ' main ': app.run(debug = True)
```