

## SendGrid Integration with Python code

TEAM ID	PNT2022TMID27084
PROJECT NAME	SMART FASHION RECOMMENDER

### Sendgrid Code:

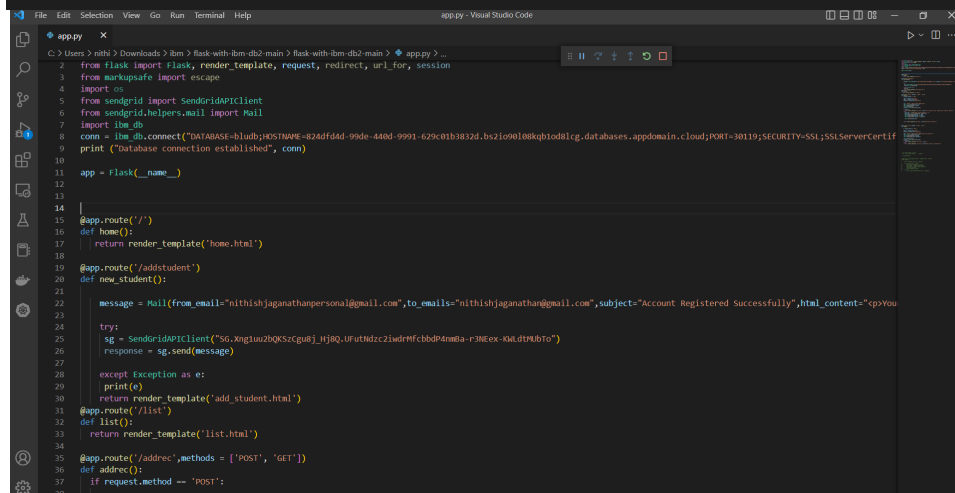
```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message =
Mail(from_email="nithishjaganathanpersonal@gmail.com",to_emails="nithishja
ganathan@gmail.com",subject="Account Registered
Successfully",html_content="<p>Your account has been created using you
provided email address.</p>")

try:
    sg =
SendGridAPIClient("SG.Xng1uu2bQKSzCgu8j_Hj8Q.UFutNdzc2iwdrMfcbbdP4nmBa-r3N
Eex-KWLdtMubTo")

    response = sg.send(message)

except Exception as e:
    print(e)
```



```
app.py
C:\Users\> nithi > Downloads > flask-with-ilm-dh2-main > flask-with-ilm-dh2-main > app.py > ...
1 from flask import Flask, render_template, request, redirect, url_for, session
2 from markupsafe import escape
3 import os
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6 import ilm_db
7 conn = ilm_db.connect("DATABASE=ilmdb;HOSTNAME=d2adfdad-99de-440d-9991-629c01b3832d.b21o9w10mgh1od1lrg.databases.apdomain.cloud;PORT=30119;SECURITY=SSL;SSLServerCertif
8 print("Database connection established", conn)
9
10 app = Flask(__name__)
11
12
13
14
15 @app.route('/')
16 def home():
17     return render_template('home.html')
18
19 @app.route('/addstudent')
20 def new_student():
21
22     message = Mail(from_email="nithishjaganathanpersonal@gmail.com",to_emails="nithishjaganathan@gmail.com",subject="Account Registered Successfully",html_content="<p>You
23
24     try:
25         sg = SendGridAPIClient("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")
26         response = sg.send(message)
27
28     except Exception as e:
29         print(e)
30     return render_template('add_student.html')
31
32 @app.route('/list')
33 def list():
34     return render_template('list.html')
35
36 @app.route('/addrec',methods = ['POST', 'GET'])
37 def addrec():
38     if request.method == 'POST':
```

