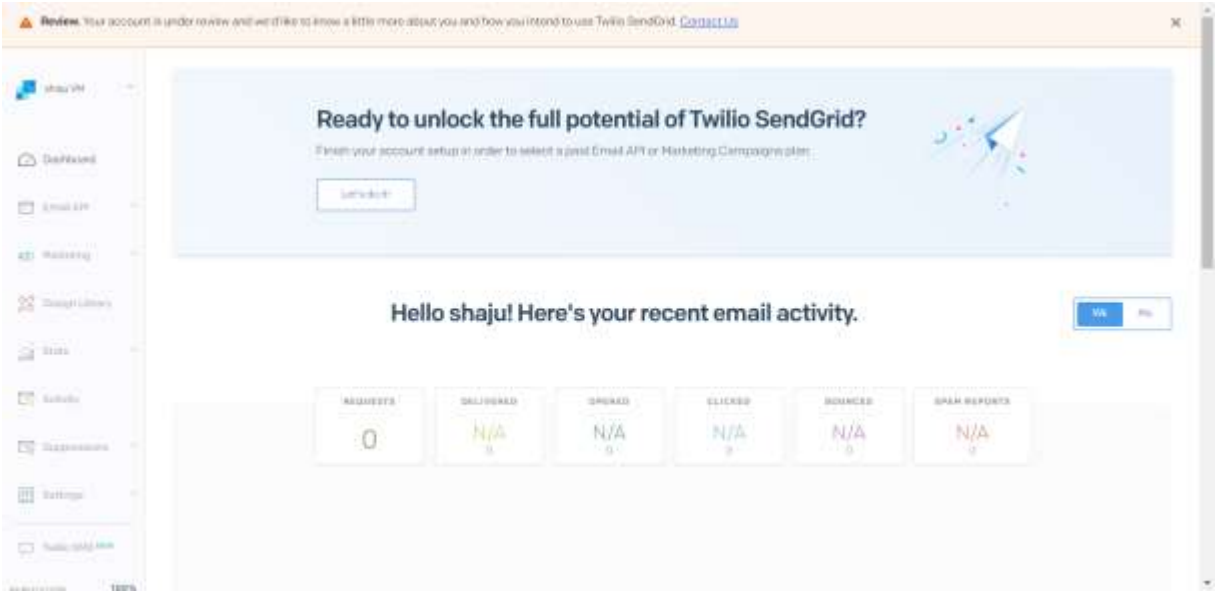
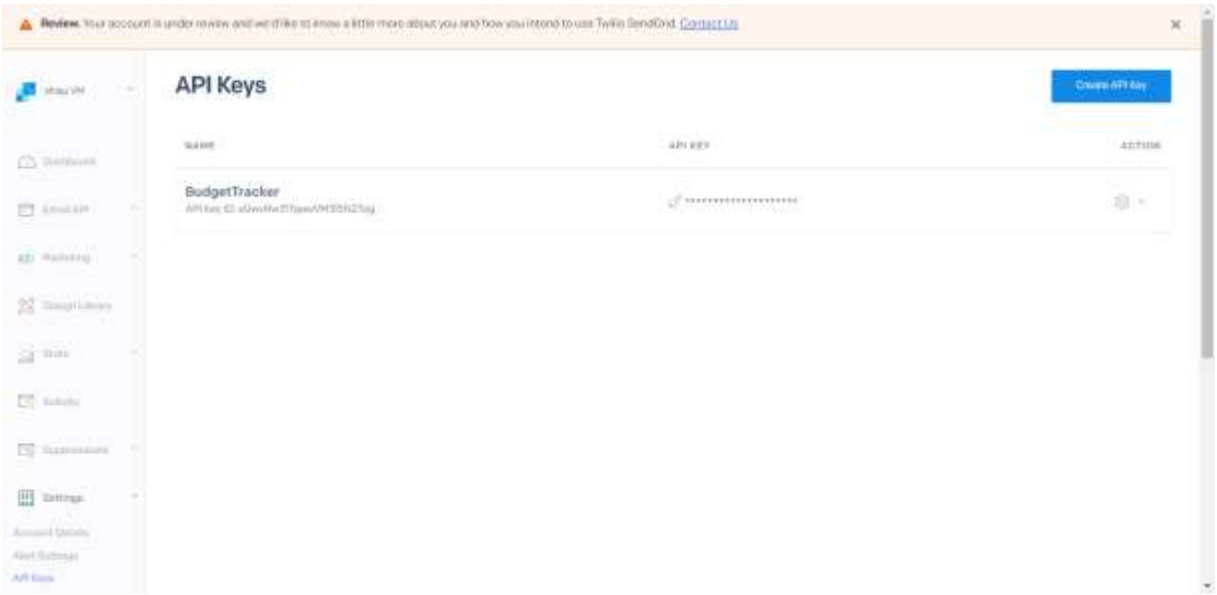
Sendgrid – Integration

Team ID	PNT2022TMID13821
Project Name	Personal Expense Tracker Application
Team Members	Shaju V Nandhakumar K Sandeep S Sathish J

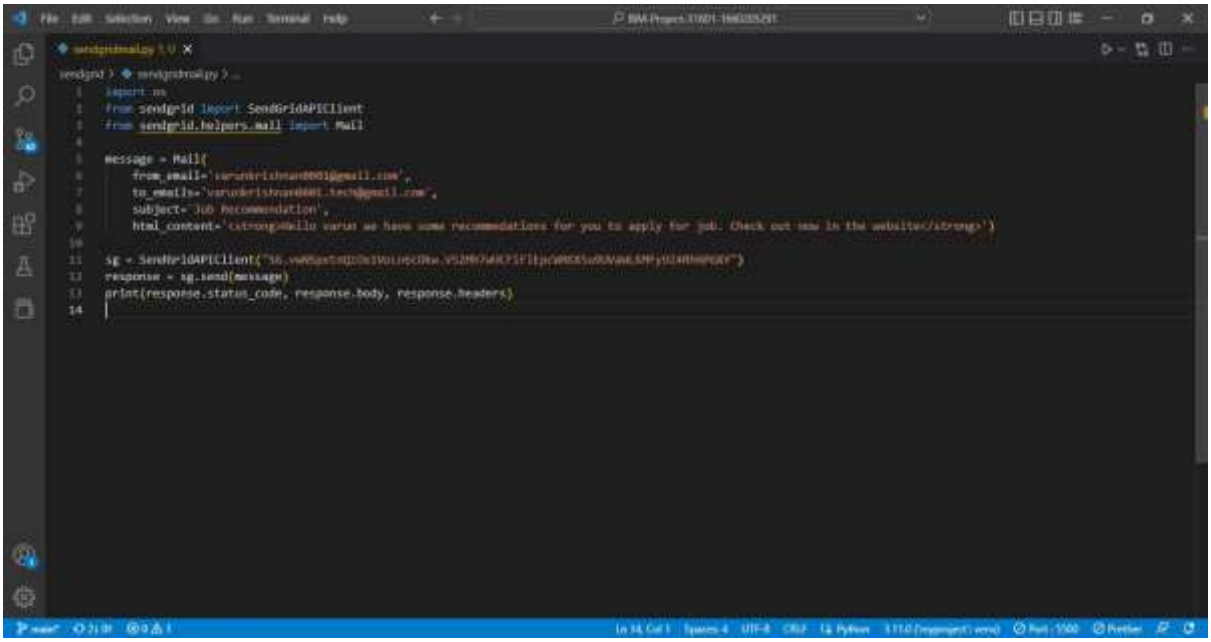
1. Sendgrid Account created



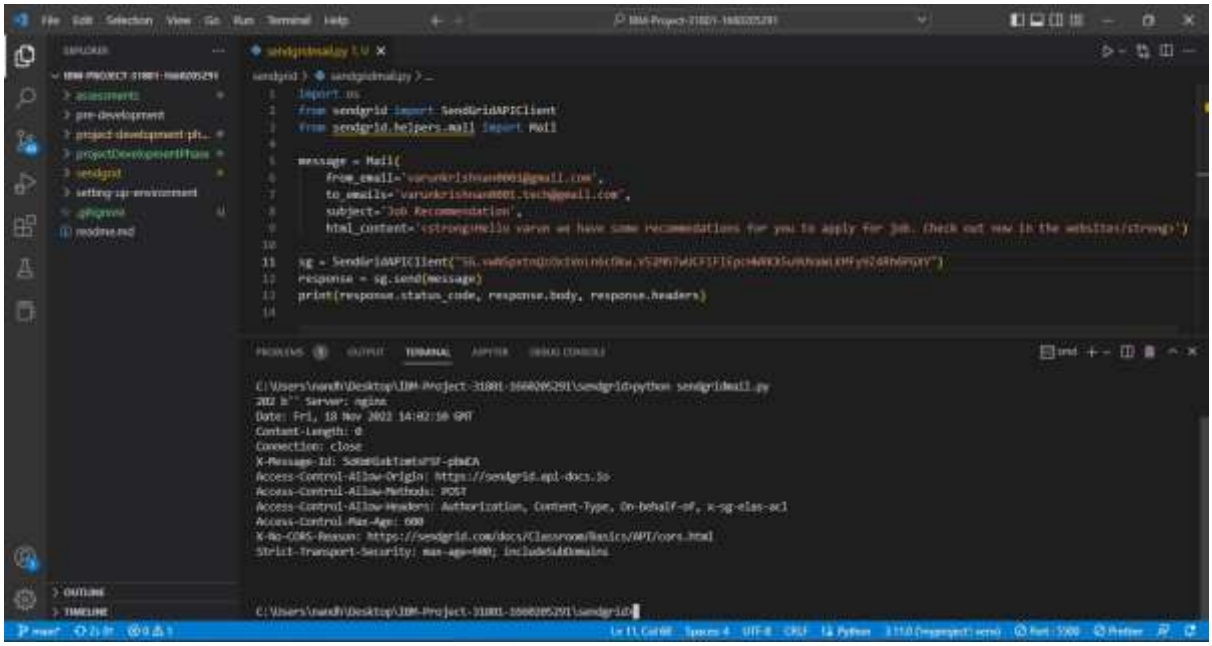
2. API Key generation



3. Connecting Sendgrid via Python using API



4. Sending mail


sendgridmail.py
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
message = Mail(
from_email='varunkrishnan0001@gmail.com',
to_emails='varunkrishnan0001.tech@gmail.com',
subject='Job Recommendation',
html_content='<strong>Hello varun we have some recommendations for you to apply for job. Check out now in the website</strong>')
sg = SendGridAPIClient("SG.vwbSpxtnQjOxIVnlnGcOkw.v52M57wUCFIFlCpcHWKXSuNkhaaLXMFyH2dRhGPGXY")
response = sg.send(message)
print(response.status_code, response.body, response.headers)
C:\Users\nandh\Desktop\IBM-Project-31801-1660205291\sendgrid>python sendgridmail.py
202 b'' Server: nginx
Date: Fri, 18 Nov 2022 14:02:10 GMT
Content-Length: 0
Connection: close
X-Message-Id: SchmGlaktaetsFSF-pbwCA
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
C:\Users\nandh\Desktop\IBM-Project-31801-1660205291\sendgrid>