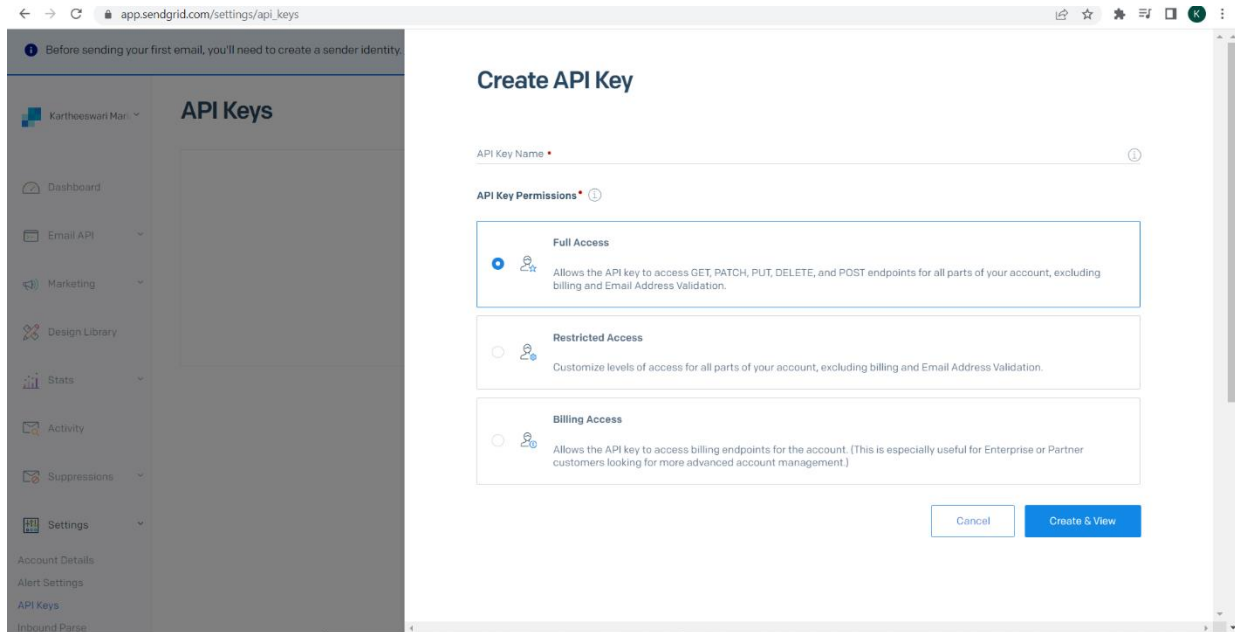


Integrating SendGrid Service

SendGrid Integration With Python Code

Date	06/11/2022
Team Id	PNT2022TMID04979
Project Name	Plasma Donor Application
Maximum Marks	4 Marks

Step-1: Open Sendgrid Account and create API KEY



Step-2: Set Environment Variable using “API KEY” and pip install sendgrid in cmd

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1706]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DivyaSaro>setx SENDGRID_API_KEY "SG.1-R3W7P1LW...276140"
SUCCESS: Specified value was saved.

C:\Users\DivyaSaro>
```

```
Command Prompt
Requirement already satisfied: sendgrid in c:\users\divyasaro\appdata\local\programs\python\python311\lib\site-packages (6.9.7)
Requirement already satisfied: python-http-client>=3.2.1 in c:\users\divyasaro\appdata\local\programs\python\python311\lib\site-packages (from sendgrid) (3.3.7)
Requirement already satisfied: starkbank-ecdsa>=2.0.1 in c:\users\divyasaro\appdata\local\programs\python\python311\lib\site-packages (from sendgrid) (2.2.0)

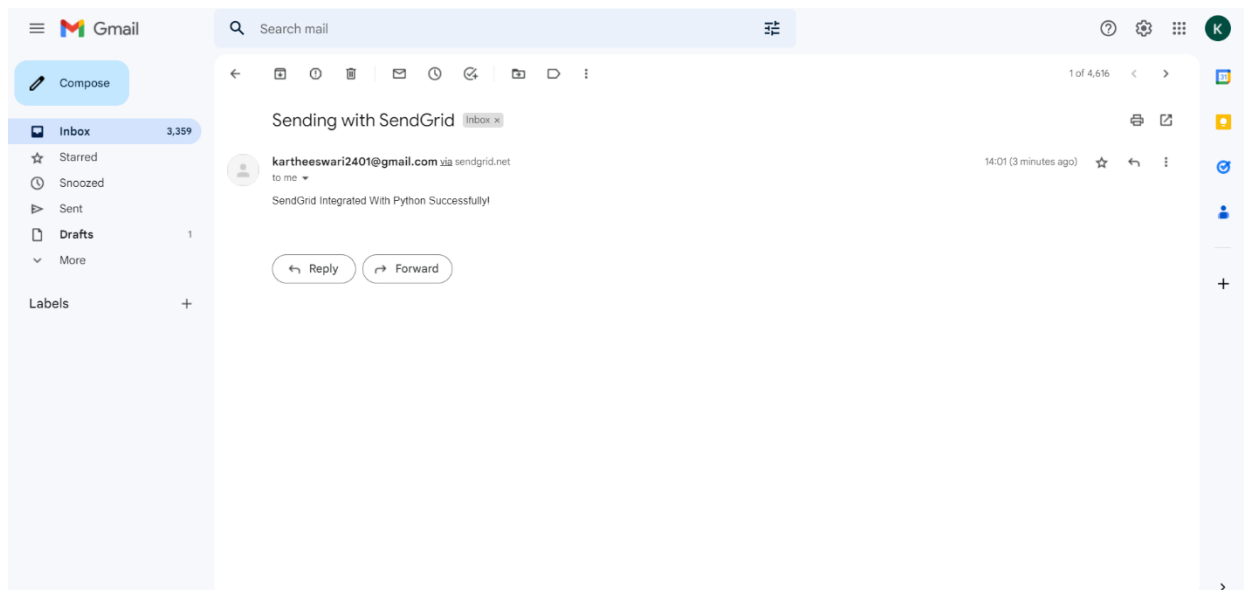
[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: C:\Users\DivyaSaro\AppData\Local\Programs\Python\Python311\python.exe -m pip install --upgrade pip

C:\Users\DivyaSaro>
```

Step-3:Integrate SendGrid using Python code and test with mail ids and run in cmd

```
>>> = RESTART: C:\Users\DivyaSaro\Desktop\Project\Integrating SendGrid Service\SendGridIntegration.py
202
b''
Server: nginx
Date: Sat, 12 Nov 2022 08:31:41 GMT
Content-Length: 0
Connection: close
X-Message-Id: pEgVuo5USDemuzJtn56ovw
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
```

OUTPUT:



SendGrid Email API Integrated With Python Successfully!