

Integrating SendGrid Service

DATE	15-Nov-2022
TEAM ID	PNT2022TMID04368
PROJECT	PLASMA DONOR APPLICATION

The screenshot shows a web browser window with the URL `app.sendgrid.com/settings/api_keys`. The browser's address bar and tabs are visible at the top. The page title is "API Keys". On the right side of the header, there is a blue button labeled "Create API Key". Below the header, there is a table with three columns: "NAME", "API KEY", and "ACTION". The table contains one entry with the name "Plasma Donor Application" and the API Key ID "WczAUh-FTSqOceg5ifY9w". The API key itself is masked with dots. To the right of the entry is a gear icon for settings. On the left side of the page, there is a sidebar menu with various options: "Dashboard", "Email API", "Marketing", "Design Library", "Stats", "Activity", "Suppressions", and "Settings". The "Settings" option is currently selected. At the bottom of the browser window, the Windows taskbar is visible, showing the system clock as 7:24 PM on 11/15/2022.

NAME	API KEY	ACTION
Plasma Donor Application API Key ID: WczAUh-FTSqOceg5ifY9w	*****	

```
import sendgrid
import os
from sendgrid.helpers.mail import *
sg = sendgrid.SendGridAPIClient(api_key)
from_email = Email("rbguyathirisi@gmail.com")
to_email = To("harinibalu27@gmail.com")
subject = "Your little efforts can give others second chances to live life."
content = Content("text/plain", "Thank you for choosing our plasma donor application for donating plasma. Your account has been created and one step ahead to go, please")
mail = Mail(from_email, to_email, subject, content)
response = sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)
print(response.headers)
```

Ln: 14 Col: 0

Type here to search

15-11-2022 19:47

```
plasma.py X
C: > Users > Monisha > OneDrive > Documents > plasma.py > ...
1 import sendgrid
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\Monisha> & C:/Users/Monisha/AppData/Local/Microsoft/WindowsApps/python3.10.exe c:/Users/Monisha/OneDrive/Documents/plasma.py

202
b''

Server: nginx
Date: Sat, 12 Nov 2022 05:11:32 GMT
Content-Length: 0
Connection: close
X-Message-Id: tF8urc1YTUi8KKLovp4PnA
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

