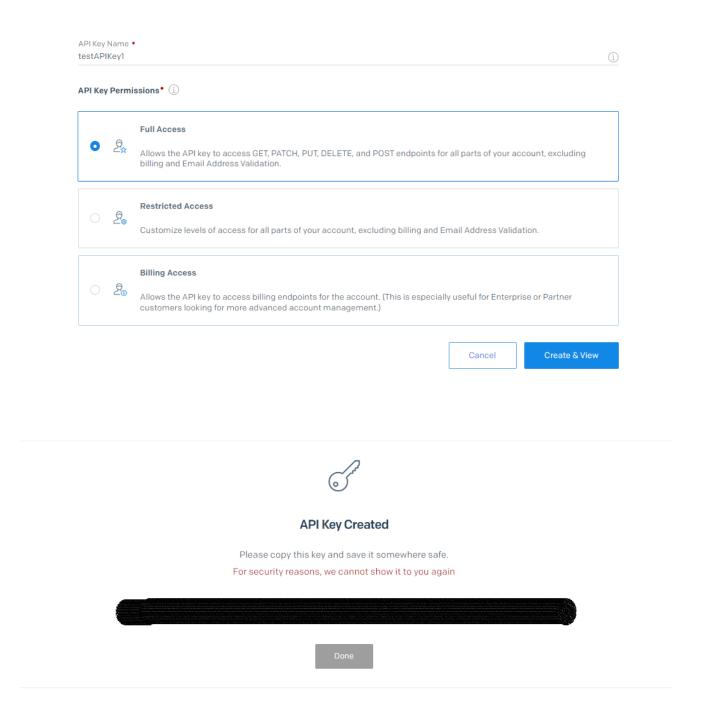
## **SendGrid Integration with Python Code**

## **Creating API Key:**



## **Python code:**

```
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['MAIL_SERVER'] = 'smtp.gmail.com'
     app.config['MAIL_PORT'] = 465
     app.config['MAIL_USERNAME'] = 'vasanthv012001@gmail.com'
     app.config['MAIL_PASSWORD'] = '*****'
     app.config['MAIL_USE_TLS'] = False
     app.config['MAIL_USE_SSL'] = True
14
     mail = Mail(app)
16
     # message object mapped to a particular URL '/'
17
18
19
     @app.route("/Email")
20 v def index():
21
         send = msg
         msg = Message(
23
             'Hello',
             sender='vasanthv012001@gmail.com',
25
             recipients=['']
26
27
         msg.body = 'This mail is for...'
28
         mail.send(msg)
29
         send = (msg)
         return 'send'
30
```

Team ID: PNT2022TMID29588

**Project Name:** Plasma Donor Application