SendGrid Integration with Python Code

Creating API Key:

API Key Name •

testAPIKey1   ⓘ

API Key Permissions• ⓘ

Full Access

Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.

Restricted Access

Customize levels of access for all parts of your account, excluding billing and Email Address Validation.

Billing Access

Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)

Cancel   Create & View

API Key Created

Please copy this key and save it somewhere safe.

For security reasons, we cannot show it to you again

Done

Python code:

```python
1    from flask import Flask
2    from flask_mail import Mail, Message
3
4    app = Flask(__name__)
5    mail = Mail(app)  # instantiate the mail class
6
7    # configuration of mail
8    app.config['MAIL_SERVER'] = 'smtp.gmail.com'
9    app.config['MAIL_PORT'] = 465
10   app.config['MAIL_USERNAME'] = 'vasanthv012001@gmail.com'
11   app.config['MAIL_PASSWORD'] = '*****'
12   app.config['MAIL_USE_TLS'] = False
13   app.config['MAIL_USE_SSL'] = True
14   mail = Mail(app)
15
16   # message object mapped to a particular URL '/'
17
18
19   @app.route("/Email")
20   def index():
21       send = msg
22       msg = Message(
23           'Hello',
24           sender='vasanthv012001@gmail.com',
25           recipients=['']
26       )
27       msg.body = 'This mail is for...'
28       mail.send(msg)
29       send = (msg)
30       return 'send'
```

Team ID: PNT2022TMID29587

Project Name: Plasma Donor Application