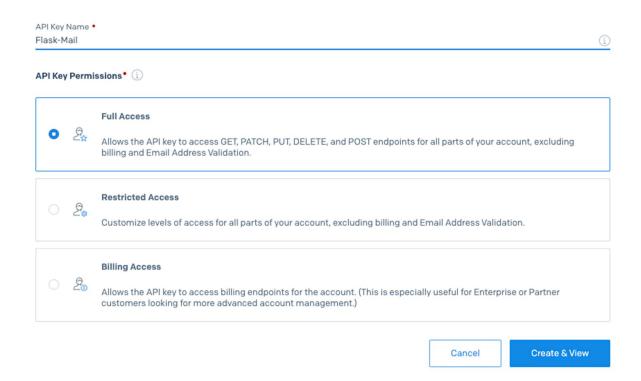
Integrating SendGrid Service

SendGrid Integration With Python Code

Date	15 NOV 2022
Team ID	PNT2022TMID11360
Project Name	Skill and Job Recommender Application

Create API Key



Setting up a Flask application:

```
import os
from flask import Flask, render_template, request, redirect, url_for, flash
from flask_mail import Mail, Message

app = Flask(__name__)
app.config['SECRET_KEY'] = 'top-secret!'
app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
app.config['MAIL_PORT'] = 587
app.config['MAIL_USE_TLS'] = True
```

```
sendgrid.py

app.config['MAIL_USERNAME'] = 'apikey'

app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')

app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('MAIL_DEFAULT_SENDER')

mail = Mail(app)

app.route("/")

def email():

msg = Message('sendgrid test mail', recipient=['slakshman664@gmail.com'])

msg.body = 'This is a test mail'

msg.html = 'This is a test mail!

mail.send(msg)

return render_template("login.html")

app.config['MAIL_USERNAME'] = 'apikey'

app.config['MAIL_PASSWORD'] = os.environ.get('MAIL_DEFAULT_SENDER')

mail = Mail(app)

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