Integrating SendGrid Service

SendGrid Integration With Python Code

Date	15 NOV 2022
Team ID	PNT2022TMID30155
Project Name	Skill and Job Recommender Application

Create API Key

API Key Name •
Flask-Mail

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

Setting up a Flask application:

```python
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
```

```python
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 Email', recipients=['2k19cse052@kiot.ac.in'])
    msg.body = 'This is a test email!'
    msg.html = '<p>This is a test email!</p>'
    mail.send(msg)
    return render_template("login.html")
```