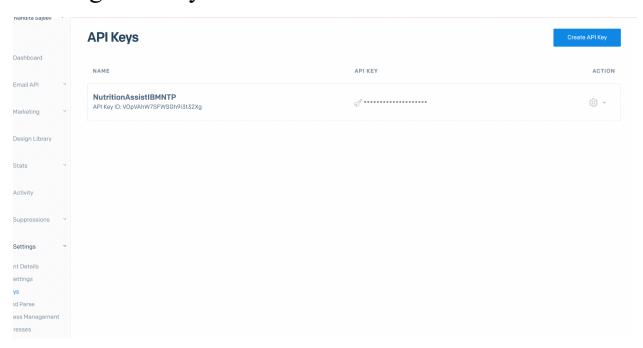
Team ID	PNT2022TMID02196
Project Name	Nutrition Assistant Application

# **SendGrid Integration**

### Creating API Key



## Building a Python environment

#### Commands in Terminal

\$ mkdir twilio-sendgrid-tests

\$ cd twilio-sendgrid-tests

\$ python3 -m venv venv

\$ source venv/bin/activate (venv)

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### 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
app.config['MAIL_USERNAME'] = 'apikey'
app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('SENDGRID_API_KEY')

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

mail = Mail(app)
```

#### Code to send a mail

```
from app import mail
from flask mail import Message

msg = Message('Hi, welcome to nutrition assistant app', recipients=['recipient@example.com'])
msg.body = 'This is a test email!'
msg.html = 'This is a test email!'
mail.send(msg)
```