

Team ID	PNT2022TMID02461
Project Name	Nutrition Assistant Application

SendGrid Integration

Creating API Key

nananta sajeev
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
nt Details
ettings
ys
id Parse
ess Management
resses

Your text here 2

Create API Key

NAME	API KEY	ACTION
NutritionAssistIBMNTP API Key ID: VOpVAhW7SFWSGh9i3t32Xg	🔗	⚙️

Building a Python environment

Commands in Terminal

```
$ mkdir twilio-sendgrid-tests
$ cd twilio-sendgrid-tests
$ python3 -m venv venv
$ source venv/bin/activate (venv)
$ _
```

Setting up a Flask application

```
app.py > ...
1  import os
2  from flask import Flask, render_template, request, redirect, url_for, flash
3  from flask_mail import Mail, Message
4
5  app = Flask(__name__)
6  app.config['SECRET_KEY'] = 'top-secret!'
7  app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
8  app.config['MAIL_PORT'] = 587
9  app.config['MAIL_USE_TLS'] = True
10 app.config['MAIL_USERNAME'] = 'apikey'
11 app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')
12 app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('MAIL_DEFAULT_SENDER')
13 mail = Mail(app)
```

Code to send a mail

```
1  from app import mail
2  from flask_mail import Message
3
4  msg = Message('Hi, welcome to nutrition assistant app', recipients=['recipient@example.com'])
5  msg.body = 'This is a test email!'
6  msg.html = '<p>This is a test email!</p>'
7  ⚡
8  mail.send(msg)
```