SENDGRID INTEGRATION WITH PYTHON

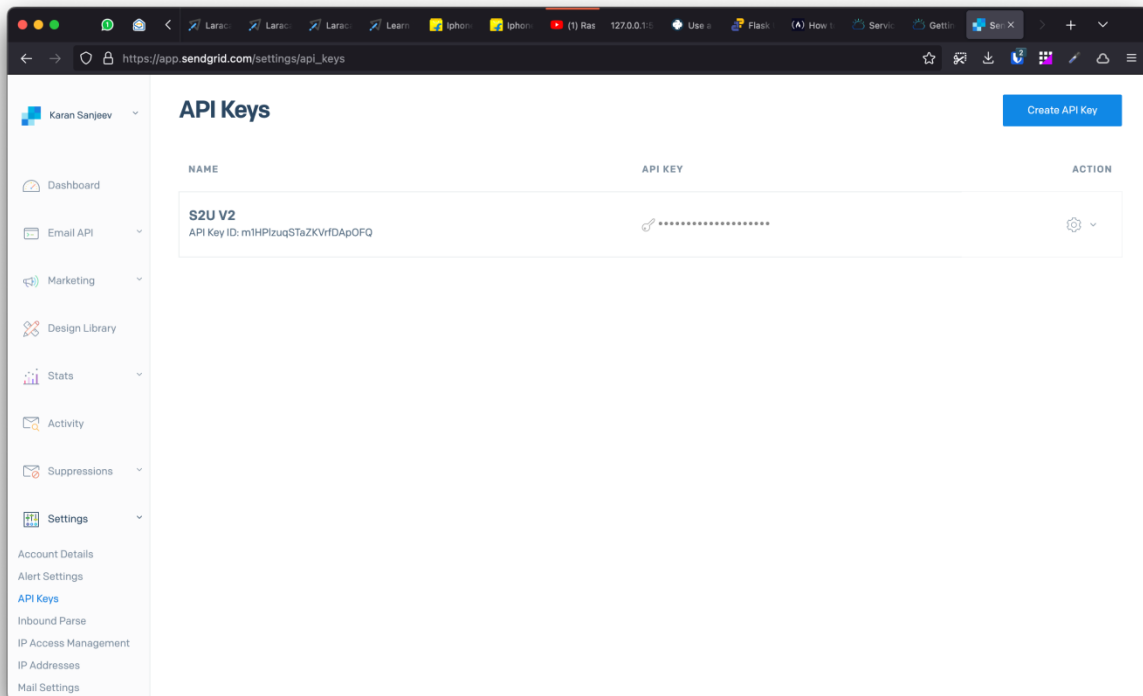| Date	04 Nov 2022
Team ID	PNT2022TMID27251
Project Name	CUSTOMER CARE REGISTRY

STEP 1:

REQUIREMENTS:

Python 2.6, 2.7, 3.4 or 3.5.

STEP 2:

Create an API key

STEP 3:

INSTALL
PAKAGE: > pip install sendgrid

```
(venv) → Sprint 1 git:(main) ✗ pip install sendgrid
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
                                          101.1/101.1 kB 1.9 MB/s eta 0:00:00
Collecting starkbank-ecdsa>=2.0.1
  Downloading starkbank-ecdsa-2.2.0.tar.gz (14 kB)
  Preparing metadata (setup.py) ... done
Collecting python-http-client>=3.2.1
  Downloading python_http_client-3.3.7-py3-none-any.whl (8.4 kB)
Installing collected packages: starkbank-ecdsa, python-http-client, sendgrid
  DEPRECATION: starkbank-ecdsa is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' pack
age is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at h
ttps://github.com/pypa/pip/issues/8559
  Running setup.py install for starkbank-ecdsa ... done
Successfully installed python-http-client-3.3.7 sendgrid-6.9.7 starkbank-ecdsa-2.2.0
```

SETP 4:

SEND EMAIL

```python
import os
import sendgrid
from sendgrid.helpers.mail import (
    To,
    Mail,
    Email,
    Content,
)


api_key = os.environ.get('SENDGRID_API_KEY')
sendgridClient = sendgrid.SendGridAPIClient(api_key)


from_email = Email('yo@alphaman.me')
to_email = To('someone@alphaman.me')
subject = 'Testing sendgrid integration'
content = Content('text/plain', 'It is an email sent from python using sendgrid service')


mail = Mail(from_email, to_email, subject, content)
response = sendgridClient.send(mail)
```