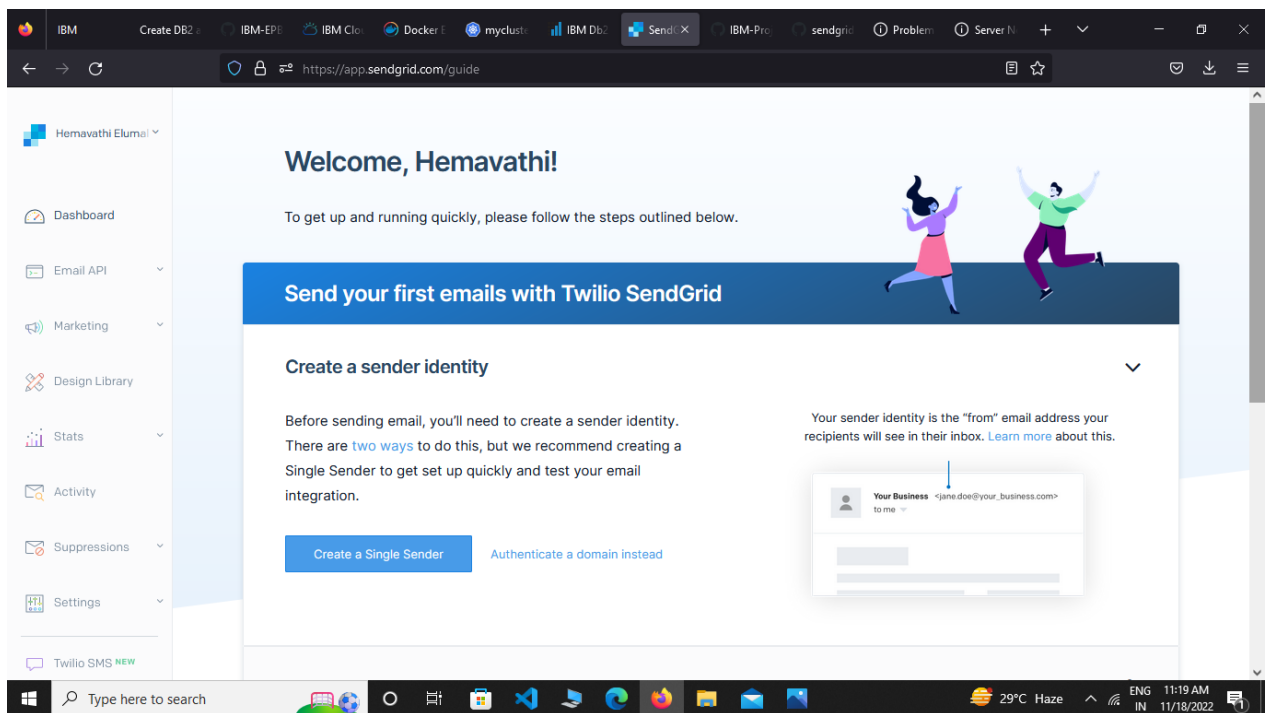


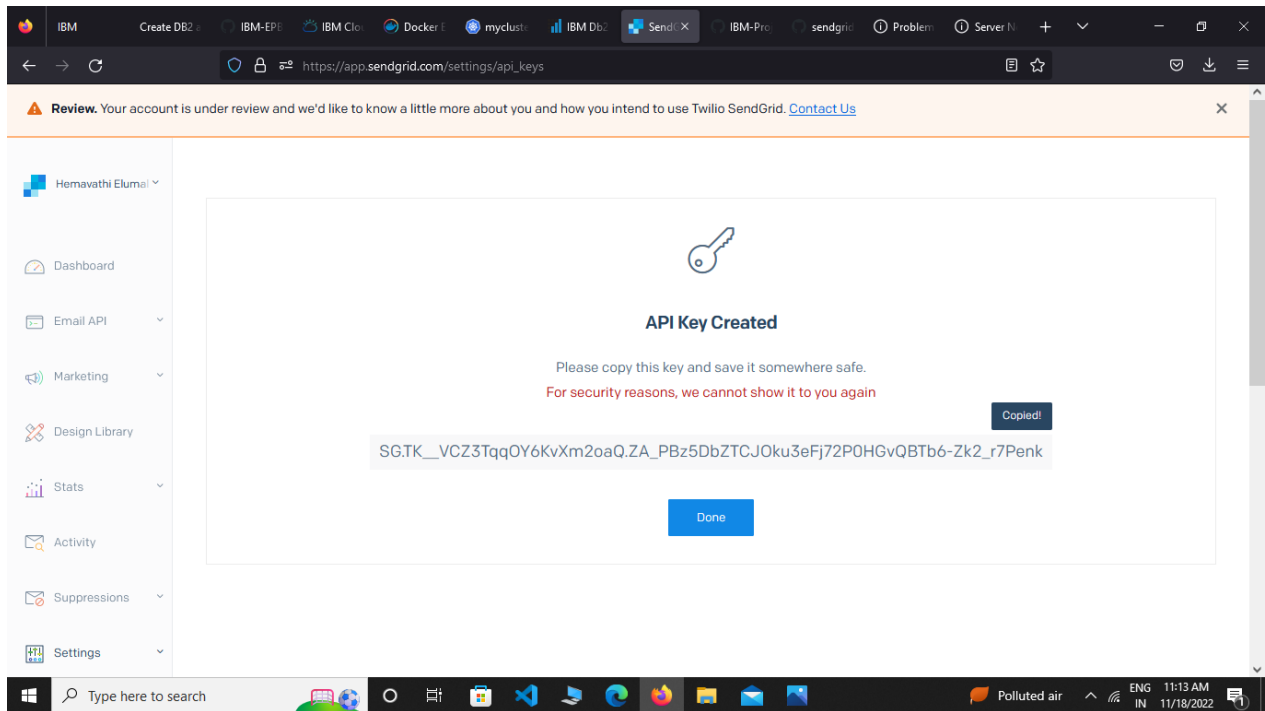
<b>Team ID</b>	PNT2022TMID40325
<b>Project Name</b>	Smart Fashion Recommender

## Sendgrid integration

### Sendgrid account creation



## Creating API key for using SendGrid Service



**Review.** Your account is under review and we'd like to know a little more about you and how you intend to use Twilio SendGrid. [Contact Us](#)

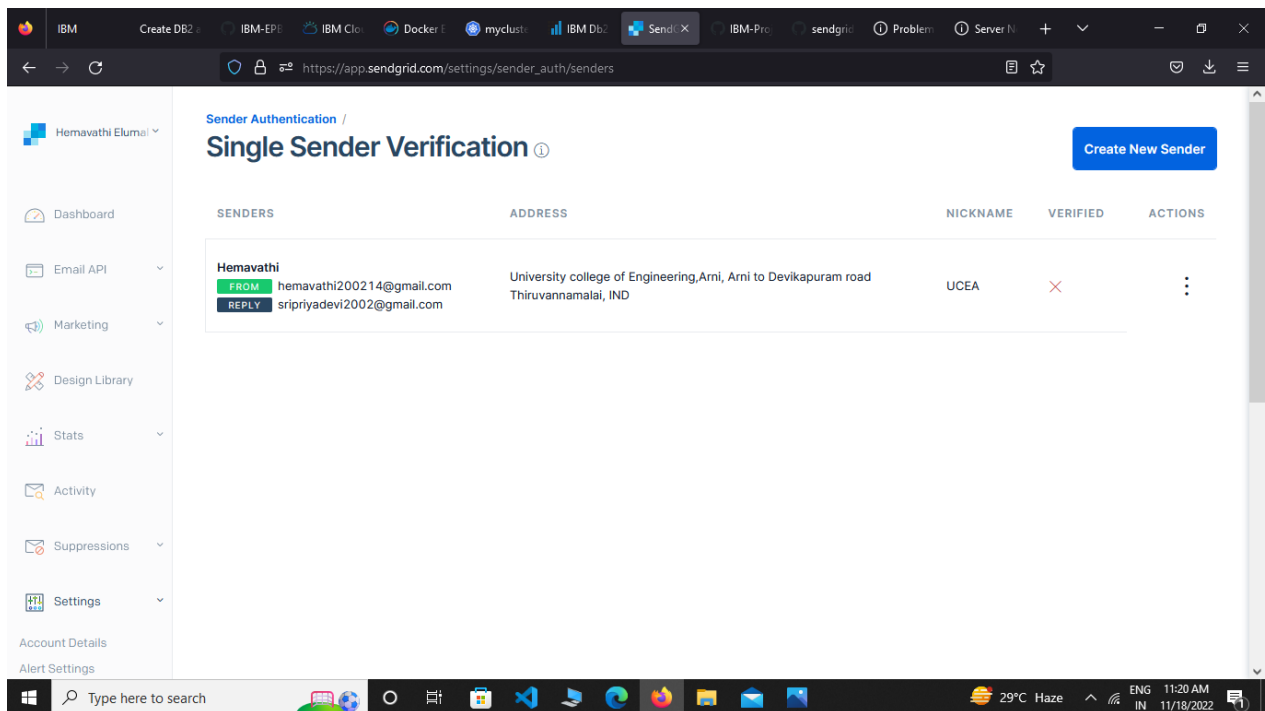
**API Key Created**

Please copy this key and save it somewhere safe.  
For security reasons, we cannot show it to you again

SG.TK\_\_VCZ3TqqOY6KvXm2oaQ.ZA\_PBz5DbZTCJOku3eFj72P0HGvQBTb6-Zk2\_r7Penk

Done

## Email Address Verification

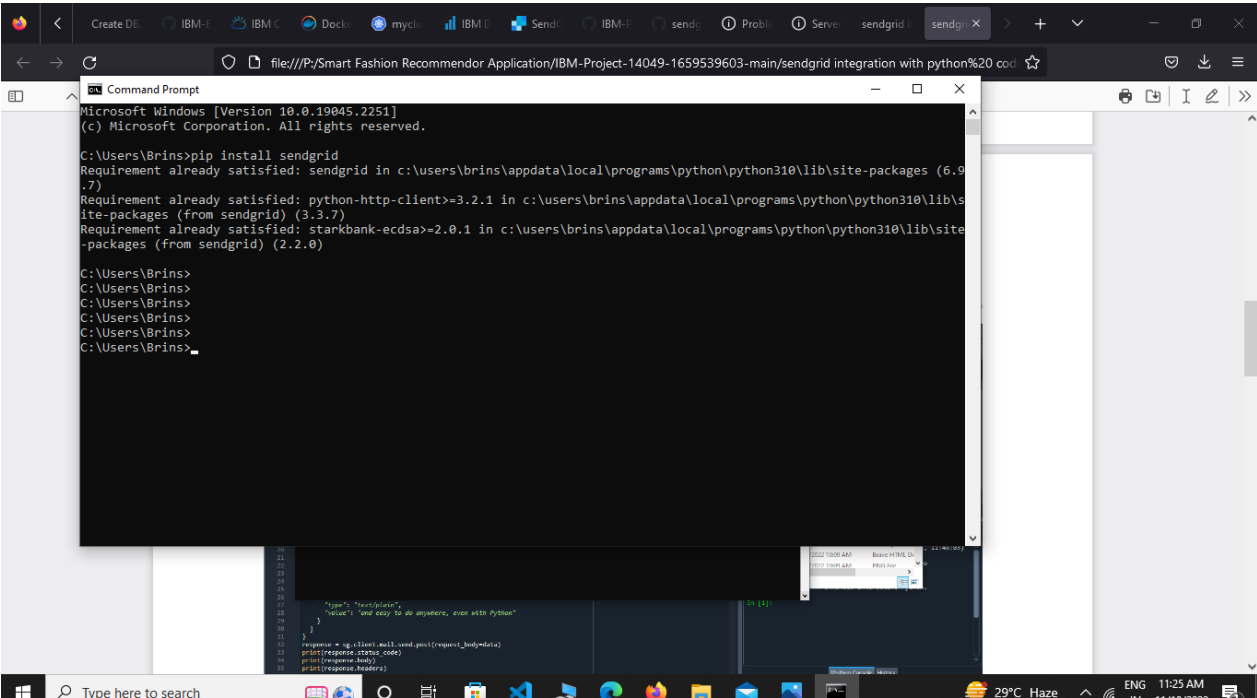


**Sender Authentication / Single Sender Verification**

Create New Sender

SENDERS	ADDRESS	NICKNAME	VERIFIED	ACTIONS
<b>Hemavathi</b> FROM hemavathi200214@gmail.com REPLY sripriyadevi2002@gmail.com	University college of Engineering,Arni, Arni to Devikapuram road Thiruvannamalai, IND	UCEA	✗	⋮

## Install SendGrid using Pip commands

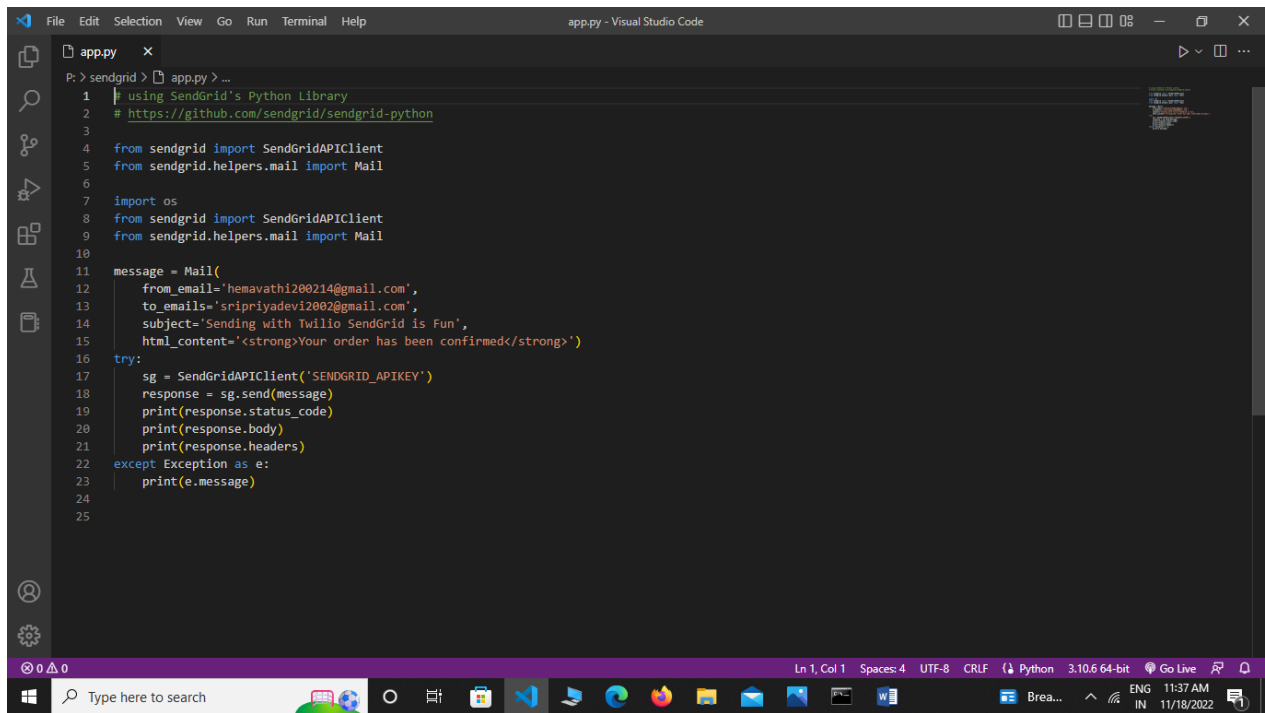
2. 

```
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Brins>pip install sendgrid
Requirement already satisfied: sendgrid in c:\users\brins\appdata\local\programs\python\python310\lib\site-packages (6.9.7)
Requirement already satisfied: python-http-client>=3.2.1 in c:\users\brins\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (3.3.7)
Requirement already satisfied: starkbank-ecdsa>=2.0.1 in c:\users\brins\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (2.2.0)

C:\Users\Brins>
C:\Users\Brins>
C:\Users\Brins>
C:\Users\Brins>
C:\Users\Brins>
C:\Users\Brins>
```

## 3. python API to connect sendgrid



```
File Edit Selection View Go Run Terminal Help
app.py - Visual Studio Code

P: > sendgrid > app.py > ...
1  | using SendGrid's Python Library
2  | # https://github.com/sendgrid/sendgrid-python
3
4  from sendgrid import SendGridAPIClient
5  from sendgrid.helpers.mail import Mail
6
7  import os
8  from sendgrid import SendGridAPIClient
9  from sendgrid.helpers.mail import Mail
10
11 message = Mail(
12     from_email='hemavathi200214@gmail.com',
13     to_emails='srpriyadevi2002@gmail.com',
14     subject='Sending with Twilio SendGrid is Fun',
15     html_content='<strong>Your order has been confirmed</strong>')
16
17 try:
18     sg = SendGridAPIClient('SENDGRID_APIKEY')
19     response = sg.send(message)
20     print(response.status_code)
21     print(response.body)
22     print(response.headers)
23 except Exception as e:
24     print(e.message)
25
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit Go Live

Type here to search

Brea... ENG IN 11:37 AM 11/18/2022