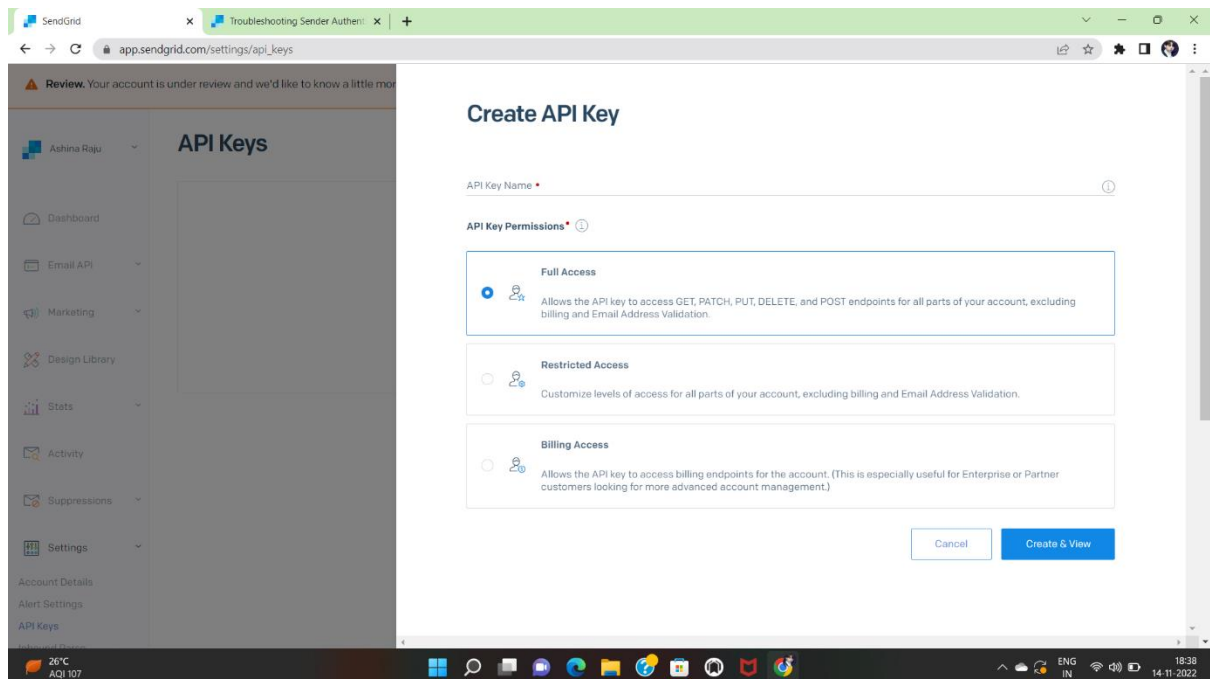


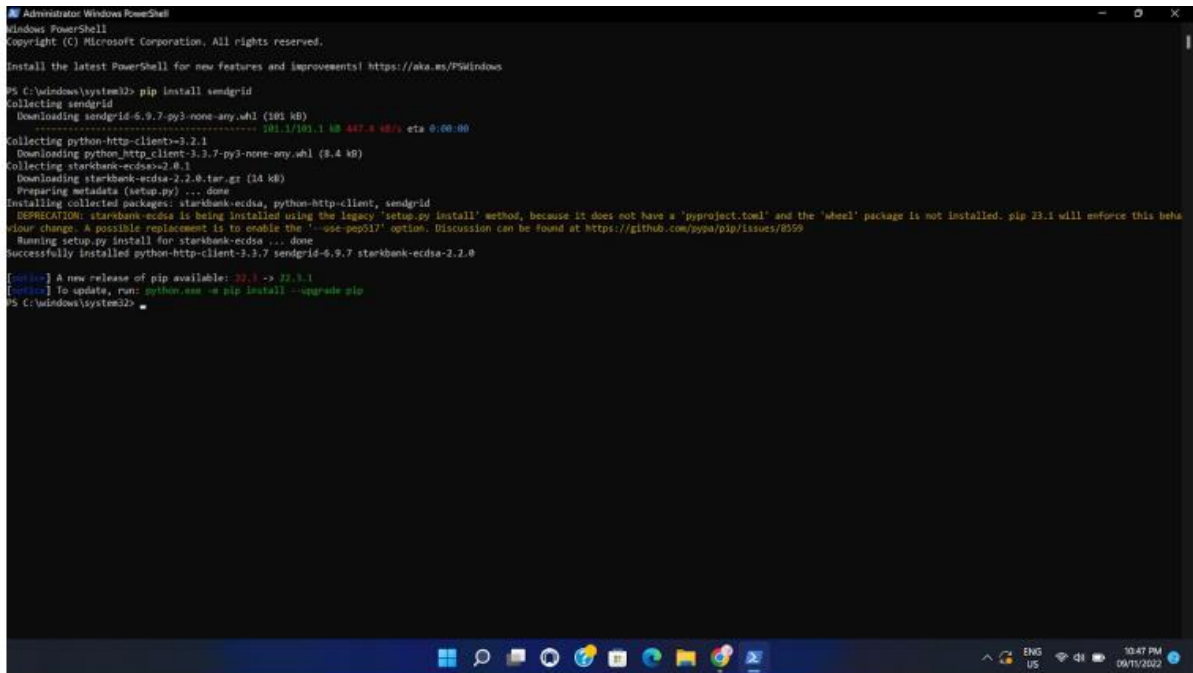
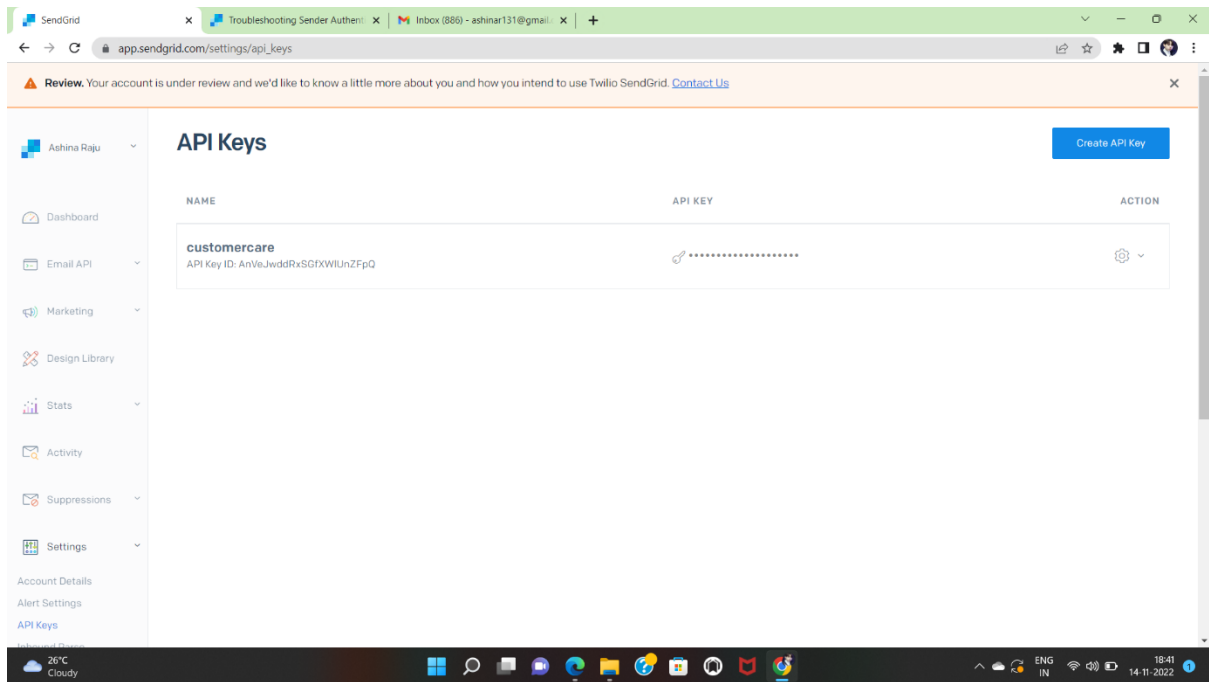
Project Development Phase

Sprint 4

Team ID	PNT2022TMID52252
Project Name	Customer Care Registry

1.Sendgrid integration with python





SendGrid Troubleshooting Sender Authent... Inbox (887) - ashinar131@gmail... +

app.sendgrid.com/settings/sender_auth/senders/new

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.

Sender Authentication /

Single Sender Verification

SENDERS

SENDERS	ADDRESS
Ashina	
FROM ashinar131@gmail.com	CUSTOMER
REPLY sanjunathan2001@gmail.com	CARE
	USA, CA 1234

Sender has been created

To verify sender identity, check your inbox at ashinar131@gmail.com.

[Resend email](#) [Close](#)

26°C Cloudy 18:50 14-11-2022

SendGrid Troubleshooting Sender Authent... Inbox (887) - ashinar131@gmail... Please Verify Your Single Sender +

mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgZGqRZfChDzBkvXyBLtmpzGVsnD

Gmail

Search mail

Please Verify Your Single Sender [Inbox x](#)

SendGrid <no-reply@sendgrid.com> [Unsubscribe](#)

to me

6:50 PM (0 minutes ago)

Let's verify your single sender so you can start sending email.

ashinar131@gmail.com

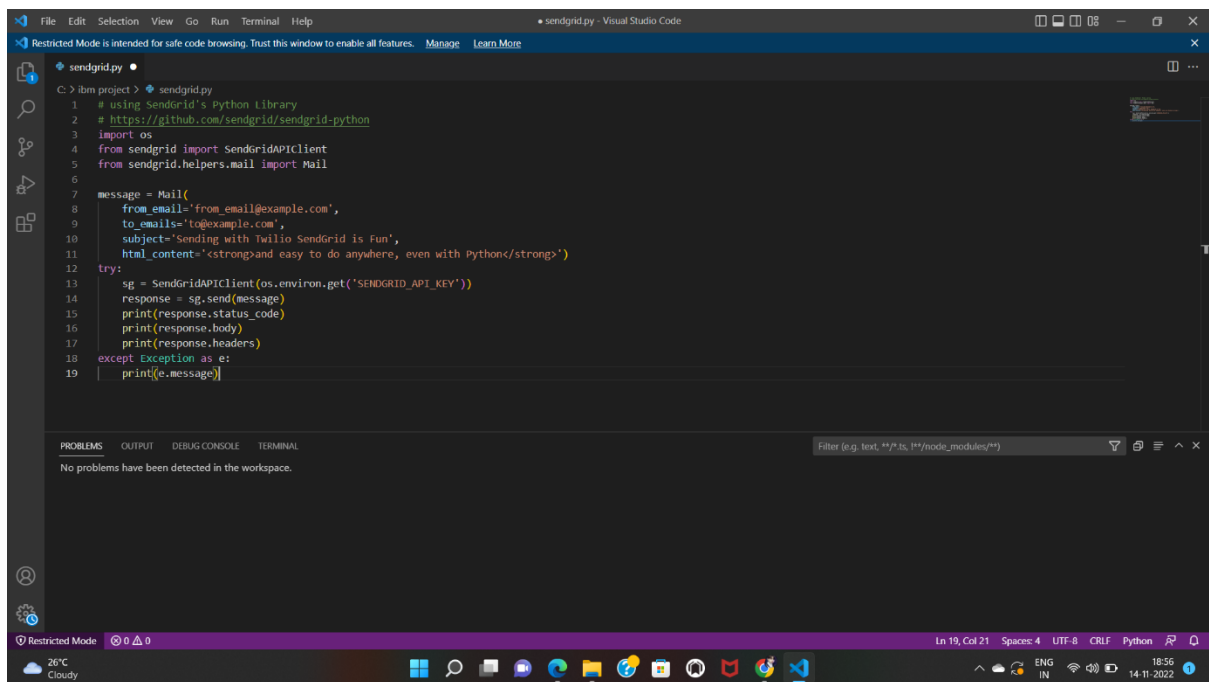
Your link is active for 48 hours. After that, you will need to resend the verification email.

[Verify Single Sender](#)

Enable desktop notifications for Gmail. [OK](#) [No thanks](#) [X](#)

Waiting for play.google.com...

26°C Cloudy 18:50 14-11-2022



```
File Edit Selection View Go Run Terminal Help • sendgrid.py - Visual Studio Code
Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More

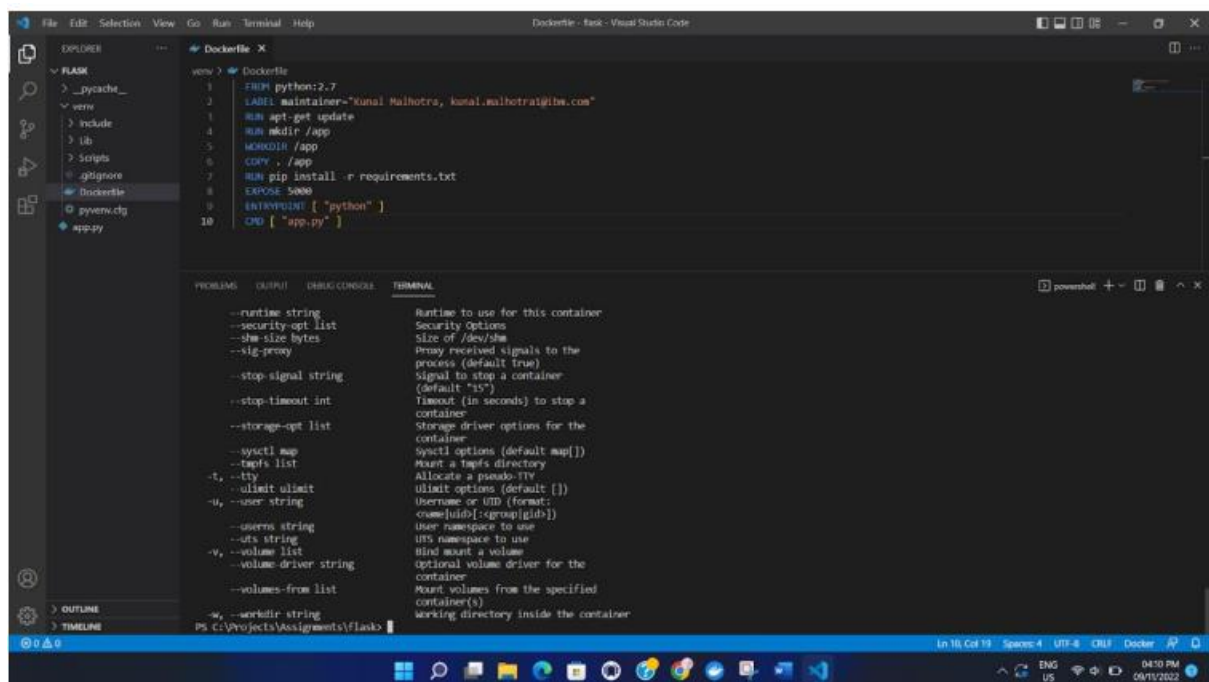
◆ sendgrid.py
C:\> python sendgrid.py
1 # using SendGrid's Python Library
2 # https://github.com/sendgrid/sendgrid-python
3 import os
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 message = Mail(
8     from_email='from_email@example.com',
9     to_emails='to@example.com',
10    subject='Sending with Twilio SendGrid is Fun',
11    html_content='<strong>and easy to do anywhere, even with Python</strong>')
12
13 try:
14     sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
15     response = sg.send(message)
16     print(response.status_code)
17     print(response.body)
18     print(response.headers)
19 except Exception as e:
20     print(e.message)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Filter (e.g. text, **/*.ts, **/*.node_modules/**)

No problems have been detected in the workspace.

Restricted Mode 0 0 18:56 14-11-2022

2.Containerize the application



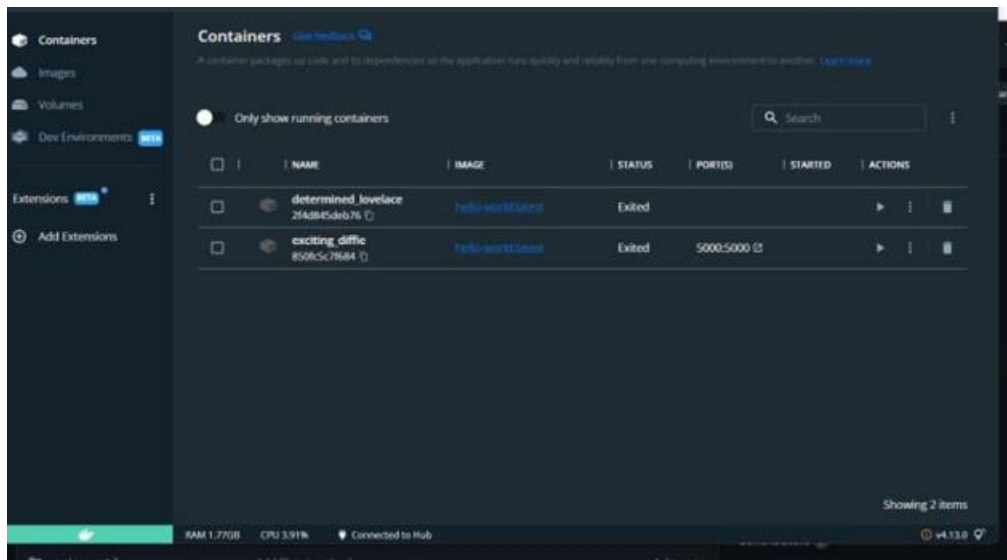
```
File Edit Selection View Go Run Terminal Help Dockerfile - flask - Visual Studio Code
EXPLORER Dockerfile.X
FLASK
  > _pycache_
  > .venv
  > include
  > lib
  > scripts
  > .gitignore
  > Dockerfile
  > pyvenv.cfg
  > app.py
Dockerfile
1 FROM python:2.7
2 LABEL maintainer="Kunal Mahotra, kunal.mahotra@iitb.ac.in"
3 RUN apt-get update
4 RUN mkdir /app
5 WORKDIR /app
6 COPY . /app
7 RUN pip install -r requirements.txt
8 EXPOSE 3000
9 ENTRYPOINT [ "python" ]
10 CMD [ "app.py" ]
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

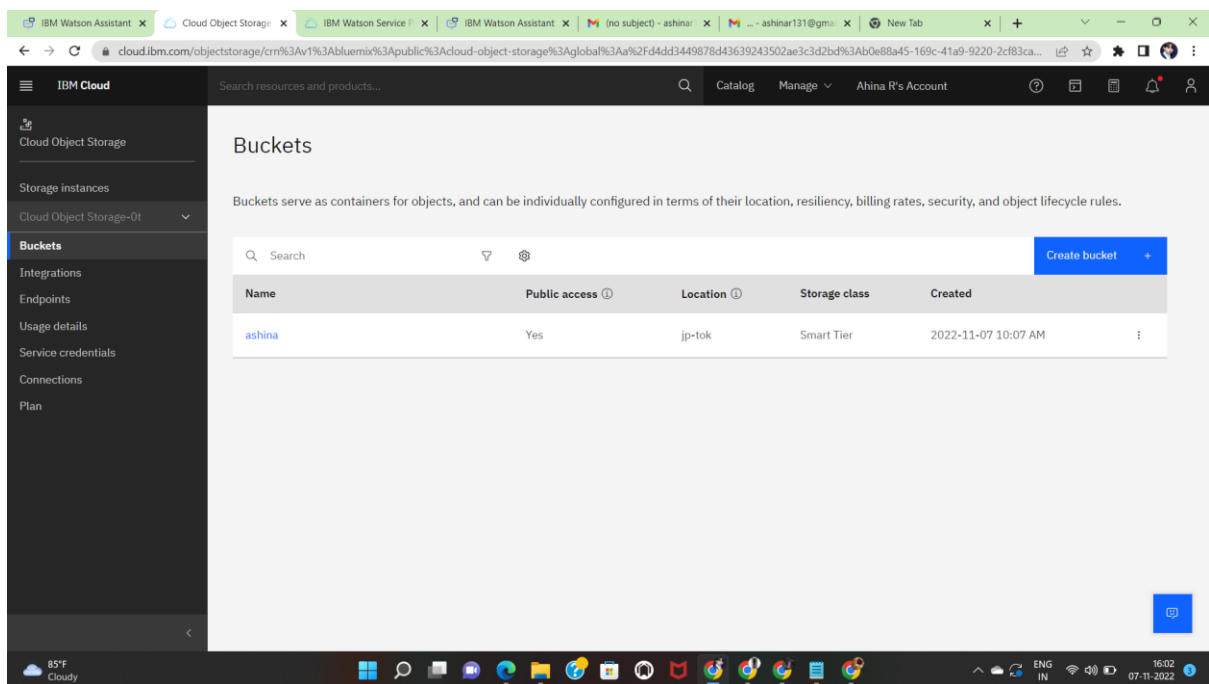
Option	Description
--runtime string	Runtime to use for this container
--security-opt list	Security Options
--shm-size bytes	Size of /dev/shm
--sig-proxy	Proxy received signals to the process (default true)
--stop-signal string	Signal to stop a container (default "SIGTERM")
--stop-timeout int	Timeout (in seconds) to stop a container
--storage-opt list	Storage driver options for the container
--sysctl map	sysctl options (default map{})
--tmpfs list	Mount a tmpfs directory
-t, --tty	Allocate a pseudo-TTY
--ulimit ulimit	ulimit options (default [])
-u, --user string	Username or UID (format: crossuid[:cgroupluid])
--sysctl string	User namespace to use
--uts string	UTS namespace to use
-v, --volume list	Bind mount a volume
--volume-driver string	optional volume driver for the container
--volumes-from list	Mount volumes from the specified container(s)
-w, --workdir string	Working directory inside the container

PS C:\Projects\Assignments\flask>

18:56 09/11/2022



3.Upload images to cloud



IBM Watson Assistant

Cloud Object Storage

IBM Watson Service

IBM Watson Assistant

(no subject) - ashinar

ashinar131@gmail

New Tab

cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2Fd4dd3449878d43639243502ae3cd2bd%3Ab0e88a45-169c-41a9-9220-2cf83ca...

IBM Cloud

Search resources and products...

CatalogManageAhina R's Account

ObjectsConfigurationPermissions

Warning: All objects in this bucket have public view access.

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Upload

<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	cu-.jpg		14.7 KB	2022-11-07 10:30 AM	⋮
<input type="checkbox"/>	cu-.jpg		10.3 KB	2022-11-07 10:30 AM	⋮
<input type="checkbox"/>	cu-.jpg		9.2 KB	2022-11-07 10:31 AM	⋮
<input type="checkbox"/>	cu-.jpg		10.1 KB	2022-11-07 10:31 AM	⋮
<input type="checkbox"/>	cu-.jpg		13.9 KB	2022-11-07 10:31 AM	⋮
<input type="checkbox"/>	fi...css		269 bytes	2022-11-07 12:05 PM	⋮
<input type="checkbox"/>	firsttml		1.8 KB	2022-11-07 4:04 PM	⋮

Drag and drop files (objects) here or click to upload

85°FCloudy

ENG IN16:0507-11-2022