Ex No: 8	Storage as a Service
Date:	

### Aim:

To implement storage as a service using python

### **Procedure:**

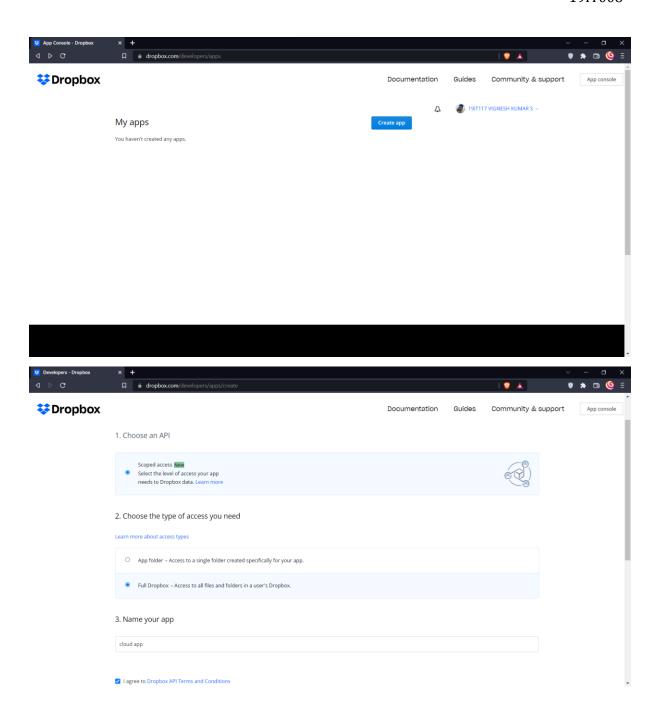
- Create an account and create new application in your account
- Specify the type of access in the next window and Generate the ACCESS TOKEN for that particular application it will use for future programming phase
- Change the permission settings
- Also note down the Application key and Application Secret Key as well:
- Give "No Expiration" in Access token expiration and Generate a token access
- Uploading the files in drop box using python

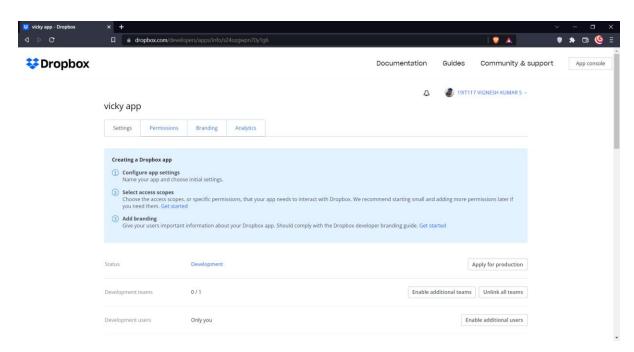
#### Code:

```
import dropbox
dropbox_access_token=
"sl.BJK6yM2zUCkRhVEyKAacOilliIJwjxke6N17sAHzgBHkSqIga7EN5qt98HiWtlfhZCwb0HbTo1
5Aj5I-UfL1fBJ-2WrgzSiiRoJ6DsAOwaduAFGBnGDJwjnRRgKG3WyvvBsQ_hJybZwv"
dropbox_path= "/sample.txt"
computer_path=r"E:\dropbox code\sample.txt"
client = dropbox.Dropbox(dropbox_access_token)
print("[SUCCESS] dropbox account linked")
client.files_upload(open(computer_path, "rb").read(), dropbox_path)
print("[UPLOADED] {}".format(computer_path))
metadata, f = client.files_download('/sample.txt')
out = open("sample_download.txt", 'wb')
out.write(f.content)
out.close()
print("[SUCCESS] downloaded")
```

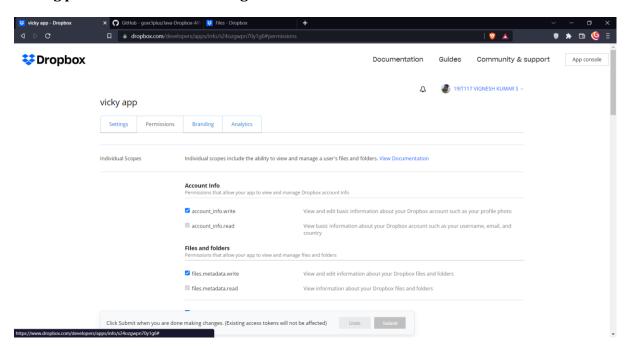
### **Screenshots:**

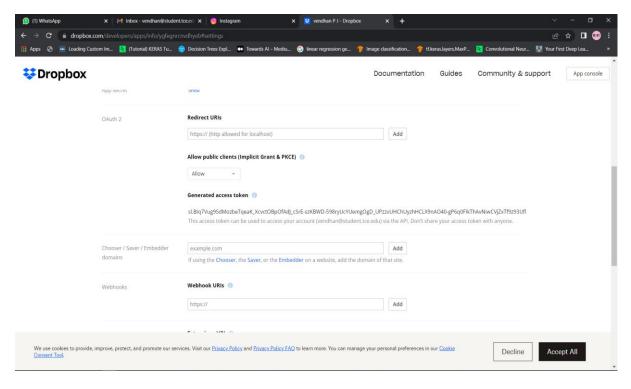
# Creating an application





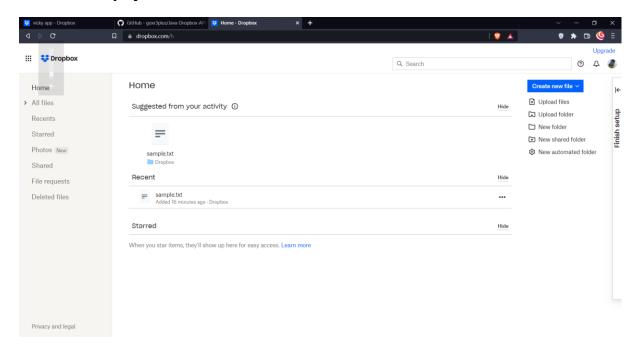
# Setting permission and Generating access token





### **Installing dropbox package**

# File successfully uploaded



### **Result:**

Hence the experiment was completed and the result is verified.