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```

.gitattributes contains the git attributes incase if you wanna git

db.sqlite contains the SQL database of the bot bound with ./src/db.py

README file conatins some info related to the developer and development

LICENSE contains the license of this project

requirements.txt contains the modules that we used to make the bot in python .

main.py is the file that we will run to active our bot . It's the bot working file

./bin/list.txt is the file where you can put multiple user twitter user name and then the bot will crawl them and make posts when any new post is available

./src/db.py deals with the SQL data base .

./src/inf.py is the file where you keep your bot credentials like Developer keys

./src/reword.py is the file that contains the OPENAI API credintails and deals with the Rewording task

.src/temp folder contains the temporary chaces

./doc/Documentation.docx contains this Documentation .

INSTALLATION

LOCAL INSTALLATION :

- We are using python 3.8 or greater for this project .
- Install python first of all
- Now open terminal and use this command pip install virtualenv
- Now use this command

```
Now if you are in windows use ./env/Scripts/Activate.ps1 on linux use ./env/
bin/activate
```
- Now use python –m pip install requirements.txt

Next step setting up the twitter developer Account:

- **In** inf.py under src folder you will find inf.py
- **Go** to your twitter developer account and create a new app and retrieve the API_KEY API_SECRET_KEY ACCESS_TOKEN ACCESS_TOKEN_SCERET in twitter bot app generate these keys
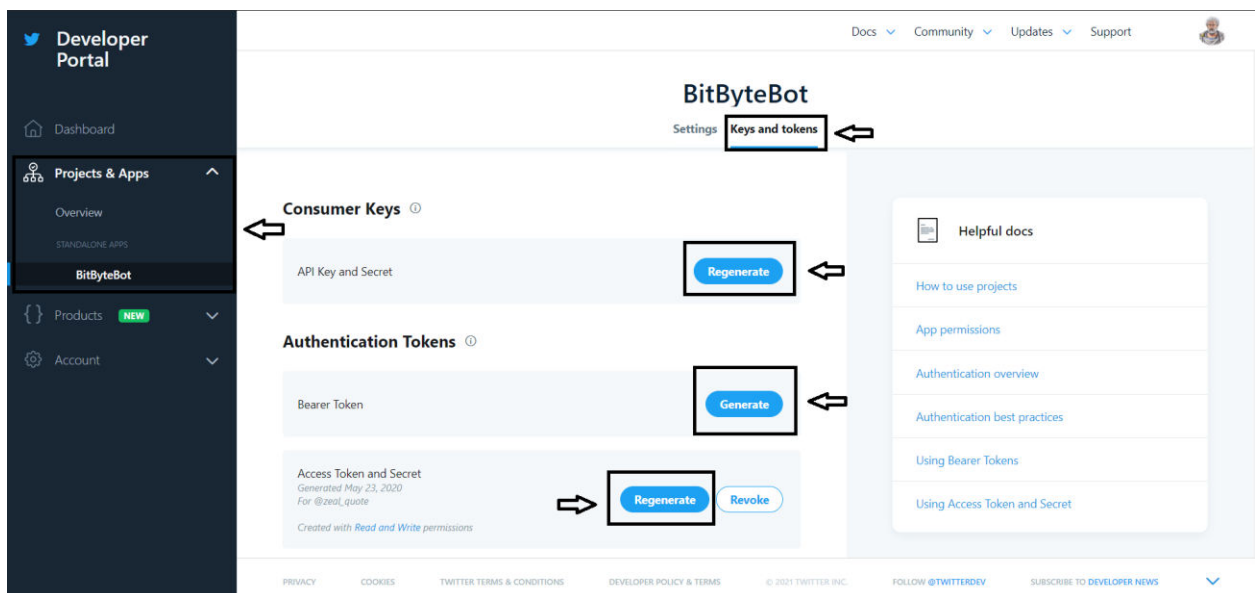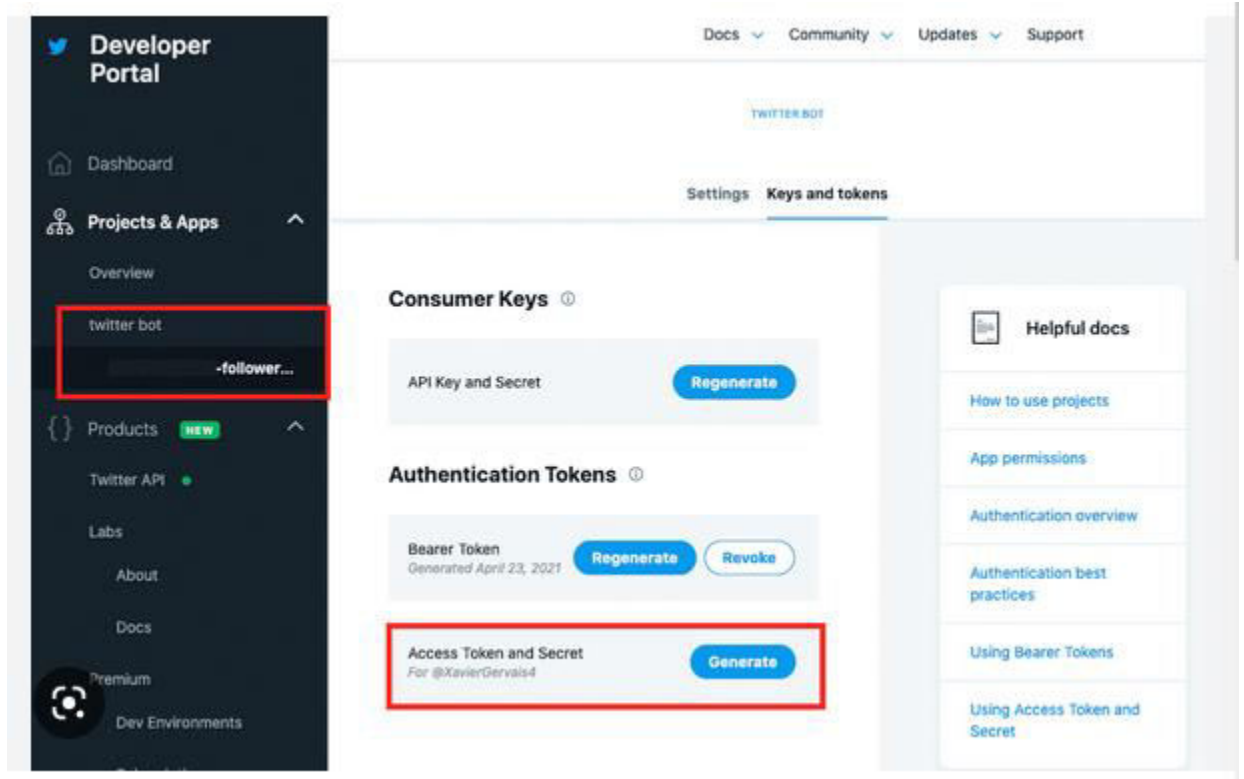
- **Now put these in the four variables serially as shown below**

```
+ inf.py    U ●

src >  inf.py >  env
  1    class env:
  2
  3        user_list = []
  4
  5
  6
  7
  8
  9
 10
 11        API_KEY = '' # This var saves the API KEY
 12        API_KEY_SECRET = '' # This var saves the Secret key
 13        ACCESS_TOKEN = ''
 14        ACCESS_TOKEN_SECRET = ''|
 15
 16
 17
```

```
    API_KEY = '' # This var saves the API KEY
    API_KEY_SECRET = '' # This var saves the Secret key
    ACCESS_TOKEN = ''
    ACCESS_TOKEN_SECRET = ''|
```

```
    API_KEY = 'fdsgsfdgIKxVJ6Ek' # This var saves the API KEY
    API_KEY_SECRET = 'cb03Qxm59Hh953HKEtpeboykh' # This var saves the Secret key
    ACCESS_TOKEN = '1487760469-gwtdK'
    ACCESS_TOKEN_SECRET = 'fj3wVtrDHWgpnXvuMw'
```

This variables you will find user inf.py file

```
|
+---src
|   +---db.py
|   +---inf.py
|   +---reword.py
|
```

Great you completed setting up the bot part . Now come to the OPEN AI integrating part

OPEN AI INSTALLATION

```
+---src
|   +---db.py
|   +---inf.py
|   +---reword.py
```

Under src folder you will find a file called reword.py open it with any text editor

```
reword.py 1, U ✕
src > reword.py > ...
  1
  2
  3    import os
  4    import openai
  5
  6
  7    API_KEY_OPEN_AI = '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'
  8
  9
```

There is a variable `API_KEY_OPEN_AI`

now go to this website https://openai.com/blog/chatgpt/ `Create a new account`

now got to this url https://beta.openai.com/account/api-keys

API keys

Your secret API keys are listed below. Please note that we do not display your secret API keys again after you generate them.
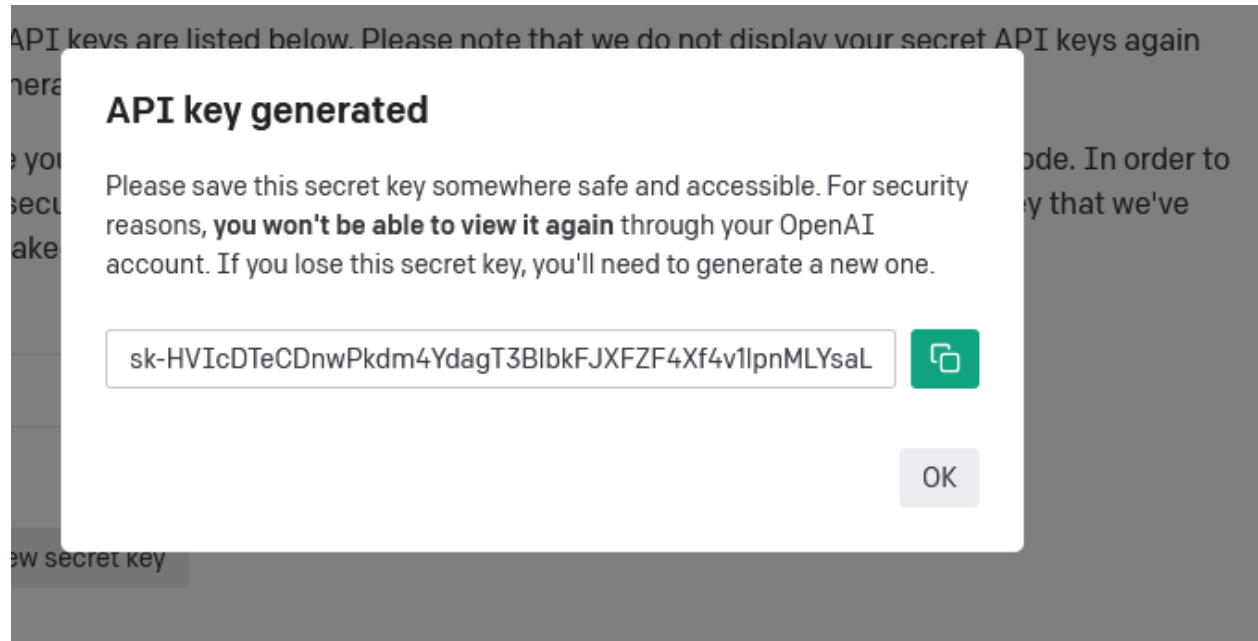
Do not share your API key with others, or expose it in the browser or other client-side code. In order to protect the security of your account, OpenAI may also automatically rotate any API key that we've found has leaked publicly.

SECRET KEY	CREATED	LAST USED	
sk-...pTLh	Dec 16, 2022	Never	🗑

+ Create new secret key

+ Create new secret key

Use create new secret key button and create a secret key

API keys are listed below. Please note that we do not display your secret API keys again here

API key generated

Please save this secret key somewhere safe and accessible. For security reasons, **you won't be able to view it again** through your OpenAI account. If you lose this secret key, you'll need to generate a new one.

```
sk-HVIcDTeCDnwPkdm4YdagT3BlbkFJXFZF4Xf4v1lpnMLYsaL
```

OK

ew secret key

Copy it and paste it to the variable like

```
API_KEY_OPEN_AI = 'sk-2RipVHGAfTSsfxVu93XtT3BlbkFJPcxI2nzN1'
```

Congrats setting up completed.
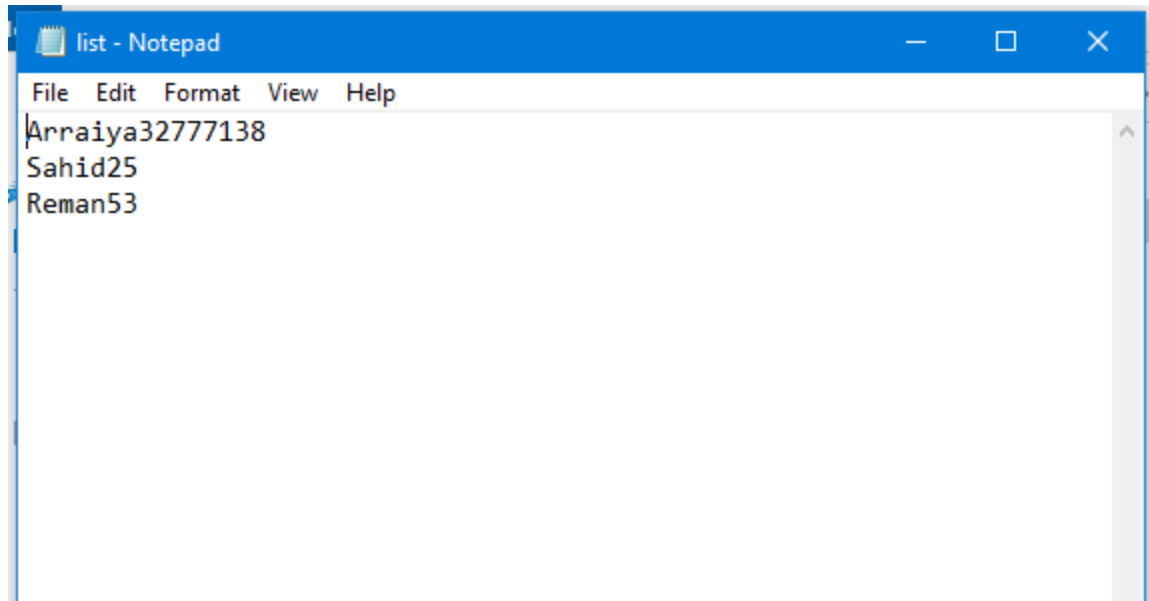
Now select the user names from you want to reword posts

Put the list in the ./bin/list.txt file and you are ready to go .

Now open the virtualenv like this in the terminal or bash


```
Now if you are in windows use ./env/Scripts/Activate.ps1 on linux use ./env/
bin/activate
```


And simply run one more command .

python main.py

CONGRATULATIONS you have successfully deployed the bot in your local environment .

Thank you

This doc and the Bot was made by Arefin Raiyan

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