

DOCUMENTATION

Files present in the application:

Templates:

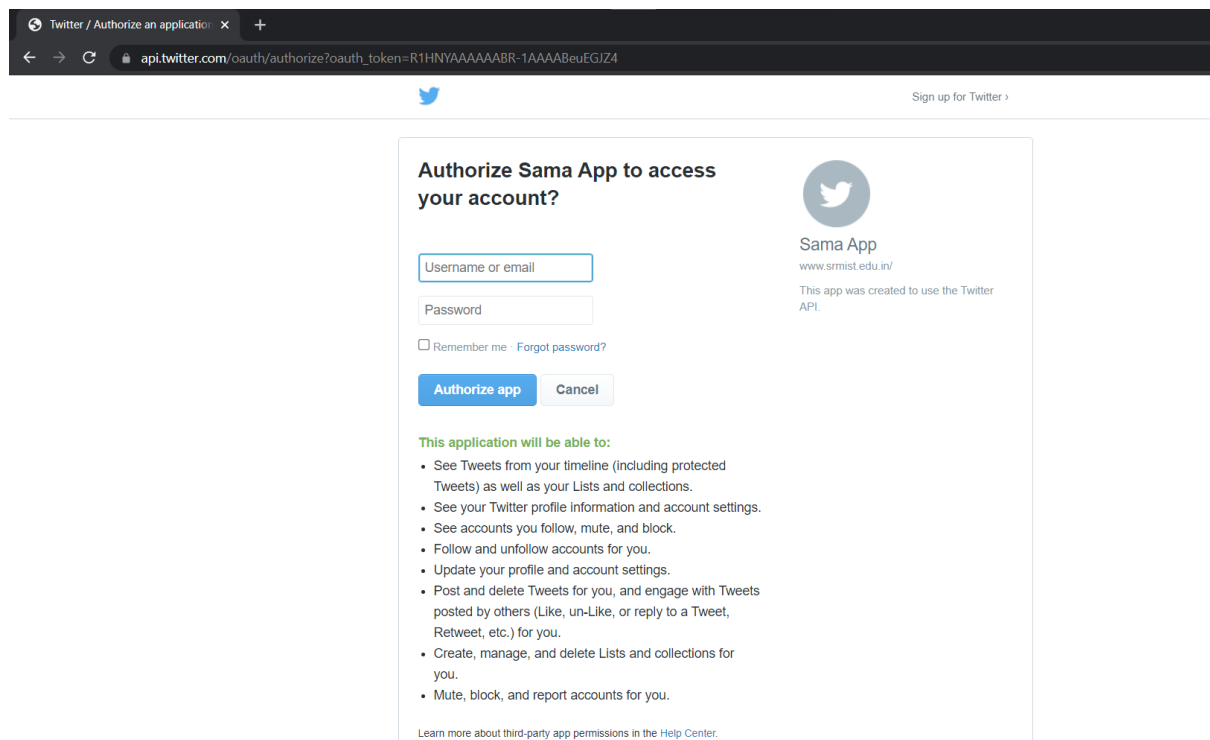
- 1.) base.html
- 2.) data_table.html

Python Scripts:

- 1.) app.py (main application)
- 2.) load_twitter_data.py (python code to load twitter data)

Run Instructions:

- 1.) run the app.py python file.
- 2.) go to endpoint :https://localhost:5500/twitter for twitter user authorization



The screenshot shows a web browser window with the address bar displaying "api.twitter.com/oauth/authorize?oauth_token=R1HINYAAAAABR-1AAAABeuEGIZ4". The page title is "Twitter / Authorize an application". The main content area is titled "Authorize Sama App to access your account?". It features a login form with fields for "Username or email" and "Password", a "Remember me" checkbox, and a "Forgot password?" link. Below the form are two buttons: "Authorize app" (in blue) and "Cancel" (in grey). To the right of the form is the "Sama App" logo and name, along with the website "www.srmist.edu.in/" and a note: "This app was created to use the Twitter API." Below the form, a section titled "This application will be able to:" lists the permissions the app requests, including viewing tweets, profile information, following/unfollowing accounts, updating profile settings, posting/deleting tweets, creating/managing lists, and muting/blocking/reporting accounts. At the bottom, there is a link to the "Help Center" for more information on third-party app permissions.

Twitter / Authorize an application

api.twitter.com/oauth/authorize?oauth_token=R1HINYAAAAABR-1AAAABeuEGIZ4

Sign up for Twitter

Authorize Sama App to access your account?

Username or email

Password

☐ Remember me [Forgot password?](#)

[Authorize app](#) [Cancel](#)

This application will be able to:

- See Tweets from your timeline (including protected Tweets) as well as your Lists and collections.
- See your Twitter profile information and account settings.
- See accounts you follow, mute, and block.
- Follow and unfollow accounts for you.
- Update your profile and account settings.
- Post and delete Tweets for you, and engage with Tweets posted by others (Like, un-Like, or reply to a Tweet, Retweet, etc.) for you.
- Create, manage, and delete Lists and collections for you.
- Mute, block, and report accounts for you.

[Learn more about third-party app permissions in the Help Center.](#)

- 3.) Once Authorised the user would be able to check the user timeline as rows datatable
- 1.) User can also search the tweets.
 - 2.) sort the tweet as per the created date.
 - 3.) can also change the number of tweets to view per page.

The screenshot shows a web browser window with the URL `127.0.0.1:5000/?user_name=AshishKumarPil1`. The page title is "User Logged in :AshishKumarPil1". Below the title, there is a search bar and a "Show 10 entries" dropdown. The main content is a table with the following data:

ID	Tweet	Created Date
1419160104516022300	This is my first status	Sun, 25 Jul 2021 04:58:30 GMT
1419161680034996200	this is my status number : 1	Sun, 25 Jul 2021 05:04:45 GMT
1419161683017097200	this is my status number : 2	Sun, 25 Jul 2021 05:04:46 GMT
1419161687463104500	this is my status number : 3	Sun, 25 Jul 2021 05:04:47 GMT
1419161690529169400	this is my status number : 4	Sun, 25 Jul 2021 05:04:48 GMT
1419161694891253800	this is my status number : 5	Sun, 25 Jul 2021 05:04:49 GMT
1419161697839845400	this is my status number : 6	Sun, 25 Jul 2021 05:04:50 GMT
1419161702256439300	this is my status number : 7	Sun, 25 Jul 2021 05:04:51 GMT
1419161706006139000	this is my status number : 8	Sun, 25 Jul 2021 05:04:52 GMT
1419161710598836200	this is my status number : 9	Sun, 25 Jul 2021 05:04:53 GMT

At the bottom, there is a pagination bar showing "Showing 1 to 10 of 30 entries" and buttons for "Previous", "1", "2", "3", and "Next".