



SAKSHAM GROUP

CREATE. INNOVATE. ELEVATE

SAKSHAM GROUP ASSESSMENT TASK

Description: In this task we are going to publish a tweet on twitter account using APIs. So first you have to create a twitter developer account from that you'll get your Consumer Key and Consumer Secret that will be used later. In this project there will be three APIs:

1. AddTwitterAccount
2. AddSocialChannelAccount2
3. PublishMediaOnTwitter

API: [/api/Twitter/AddTwitterAccount](#) - POST

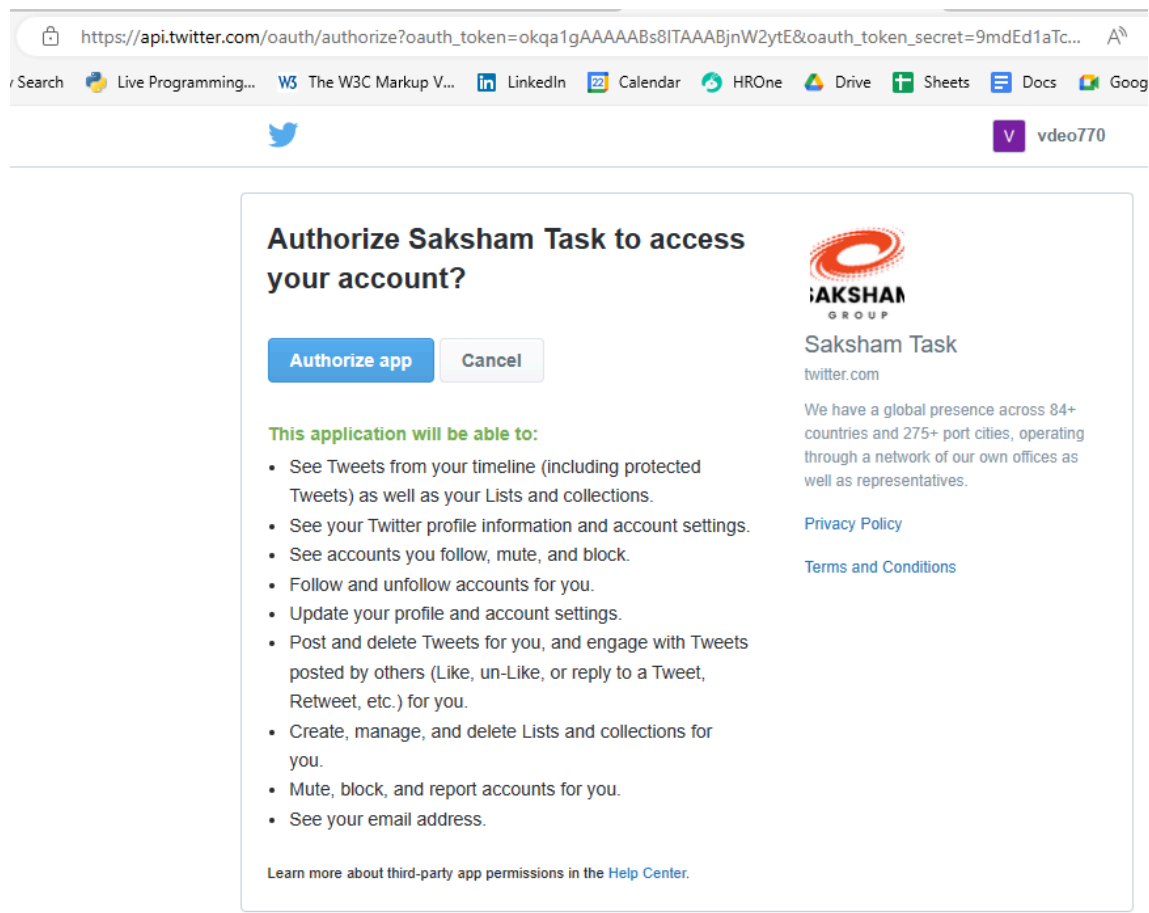
This API will be used to generate an OAuth URL, and that URL will take you to the authorization of the app.

Sample Response:

On successful completion of the API, a user will get the URL. That URL will take you to the authorization of the app to access your twitter account.

```
Body  Cookies  Headers (5)  Test Results  Status: 200 OK  Time: 1096 ms  Size: 392 B  Save as example  ...  
Pretty  Raw  Preview  Visualize  JSON  ...  
1  {  
2    "success": true,  
3    "message": null,  
4    "data": "https://api.twitter.com/oauth/authorize?oauth_token=okqa1gAAAAABs8ITAAABjnW2ytE&  
5           oauth_token_secret=9mdEd1aTcYemKK4P3nrxo1ItZ6VPHs7m&oauth_callback_confirmed=true",  
6    "content": null  
}
```

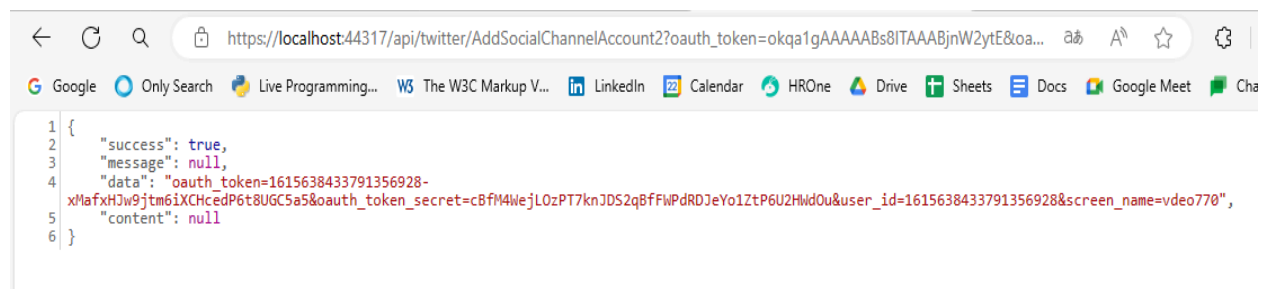
Putting the particular URL on any browser will return you this screen on your browser.



API: /api/Twitter/AddSocialChannelAccount2 - POST

When you click on the “Authorize App” button shown on the above screen then this API will be called as it’ll be mentioned in the `oauth_callback` URL mentioned in our code. This API will return the `oauth_token`, `oauth_token_secret`, `user_id` and `screen_name` for the authorized account.

Sample Response:



API: [api/Twitter/PublishMediaOnTwitter](#) - POST

Now the particular account is authorized and we get the `oauth_token`, `oauth_token_secret`, `consumerkey` and `consumersecret` for the authorized account. Now using that details we will use two twitter APIs i.e. `MediaUpload` and `Tweets` inside the same API to publish media and details on the authorized account.

Sample Payload:

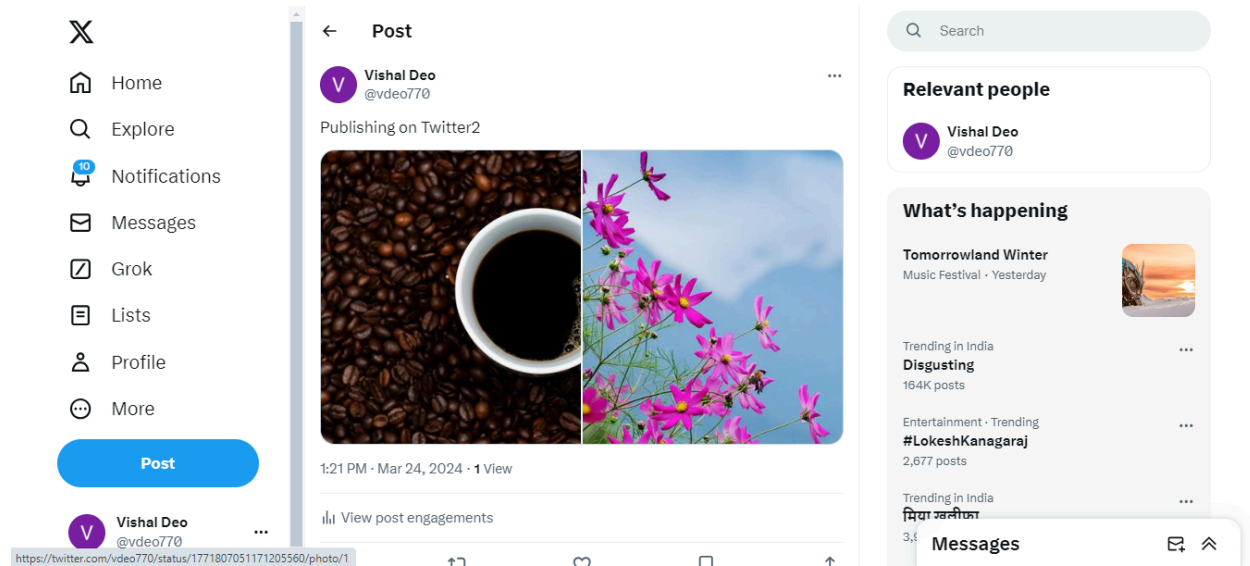
```
{
  "Text": "Publishing on Twitter2",
  "Token": "1615638433791356928-xMafxHJw9jtm6iXCHcedP6t8UGC5a5",
  "TokenSecret": "cBfM4WejLOzPT7knJDS2qBfFWPdRDJeYo1ZtP6U2HWdOu",
  "Urls": [
    "https://s3.amazonaws.com/locobuzz.socialimages/LocoBuzzImages/SocialPostTriggerScheduling/reliancejiodb/f6d9150d-7dec-4e4e-a894-cde9baec6287.jpg",
    "https://s3.amazonaws.com/locobuzz.socialimages/LocoBuzzImages/SocialPostTriggerScheduling/reliancejiodb/fba0392a-570c-4ae5-9219-9416e6c40b6c.jpg"
  ]
}
```

Sample Response:

```
{
  "success": true,
  "message": null,
  "data":
    "{\"data\":{\"edit_history_tweet_ids\":[\"1771807051171205560\"],\"id\":\"1771807051171205560\",\"text\":\"Publishing on Twitter2 https://t.co/G7dbiQA0Iz\"}},\"content\": null
}
```

Now you'll get the data of the particular tweet in the response data section. The link for the recent post will be available in the text section. You can view your recent post by pasting the available URL in the text section in any browser. For the above post the URL is

<https://t.co/G7dbiQA0Iz>.



References:

Link to twitter developer APIs.

- <https://developer.twitter.com/en/docs/twitter-api>