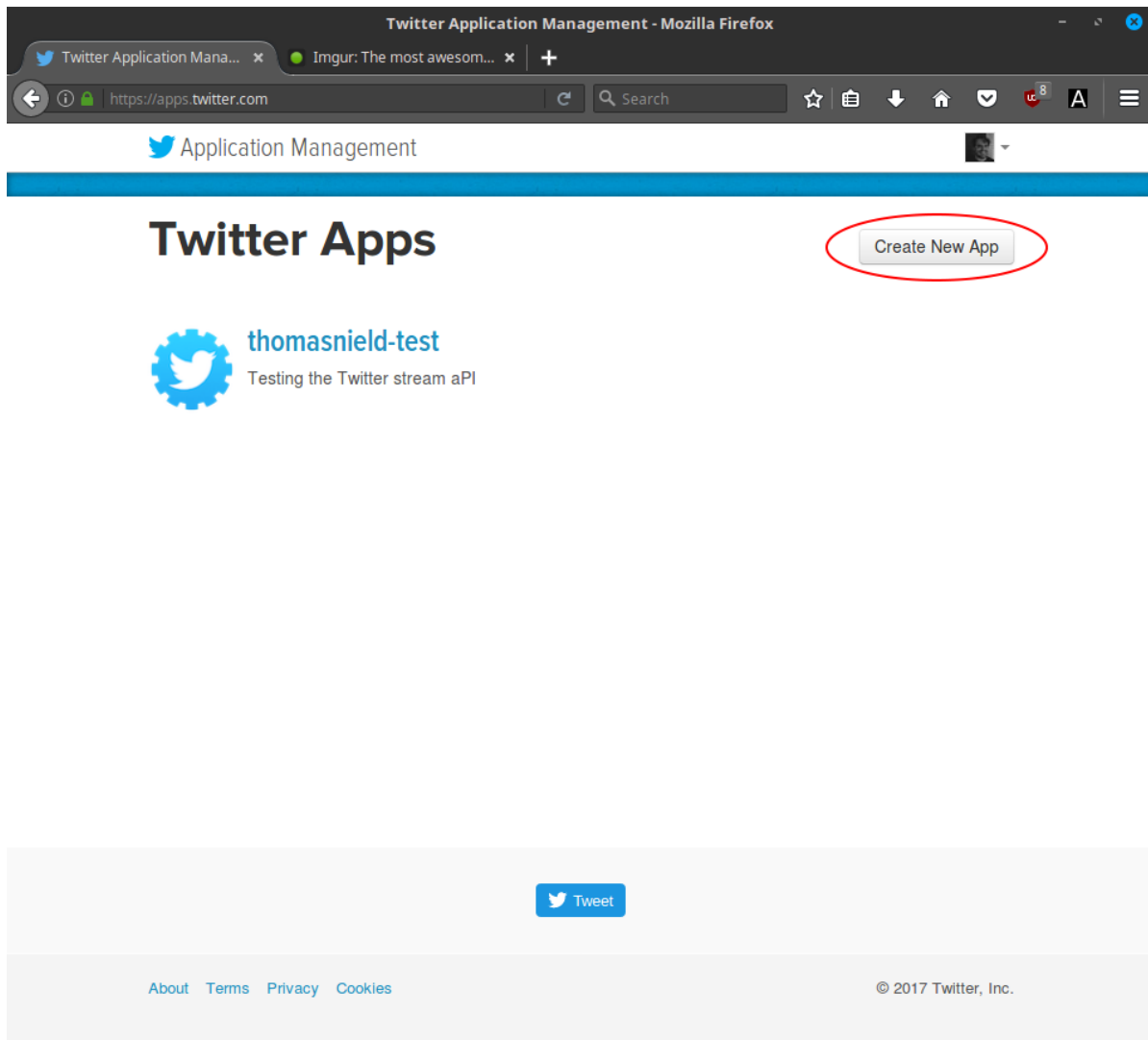


# Setting Up Twitter API

To use Tweepy, which is needed for a project in this course, you will need to set up a Twitter API account.

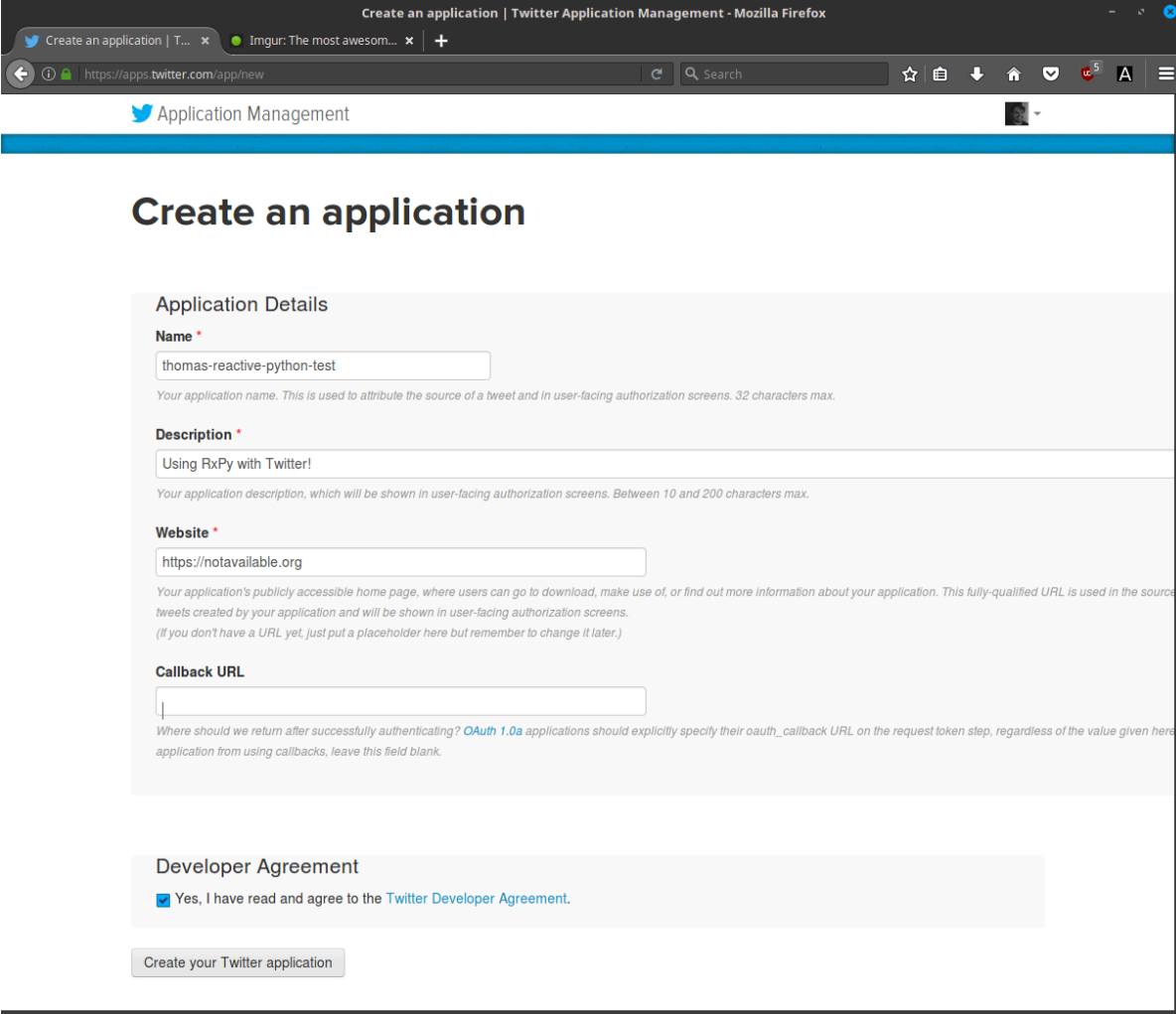
First, go to [apps.twitter.com](https://apps.twitter.com). Make sure you have a Twitter account set up and "Sign in". Click the "Create New App" button as shown below (Figure 1).



**Figure 1:** Twitter Apps Dashboard

After that, fill in the form to create an API account. Give any name you like, and

provide a "Website" if you have one you own. Otherwise, just use a placeholder as I've done below. It does not have to be an existing site (Figure 2).



The screenshot shows a web browser window with the title "Create an application | Twitter Application Management - Mozilla Firefox". The address bar shows the URL "https://apps.twitter.com/app/new". The page header includes the Twitter logo and the text "Application Management". The main heading is "Create an application". Below this is a form titled "Application Details". The form has four sections: "Name" with the value "thomas-reactive-python-test", "Description" with the value "Using RxPy with Twitter!", "Website" with the value "https://notavailable.org", and "Callback URL" which is empty. Below the form is a "Developer Agreement" section with a checked checkbox and the text "Yes, I have read and agree to the Twitter Developer Agreement." At the bottom is a button labeled "Create your Twitter application".

**Create an application**

**Application Details**

**Name \***  
thomas-reactive-python-test  
Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.

**Description \***  
Using RxPy with Twitter!  
Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.

**Website \***  
https://notavailable.org  
Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL yet, just put a placeholder here but remember to change it later.)

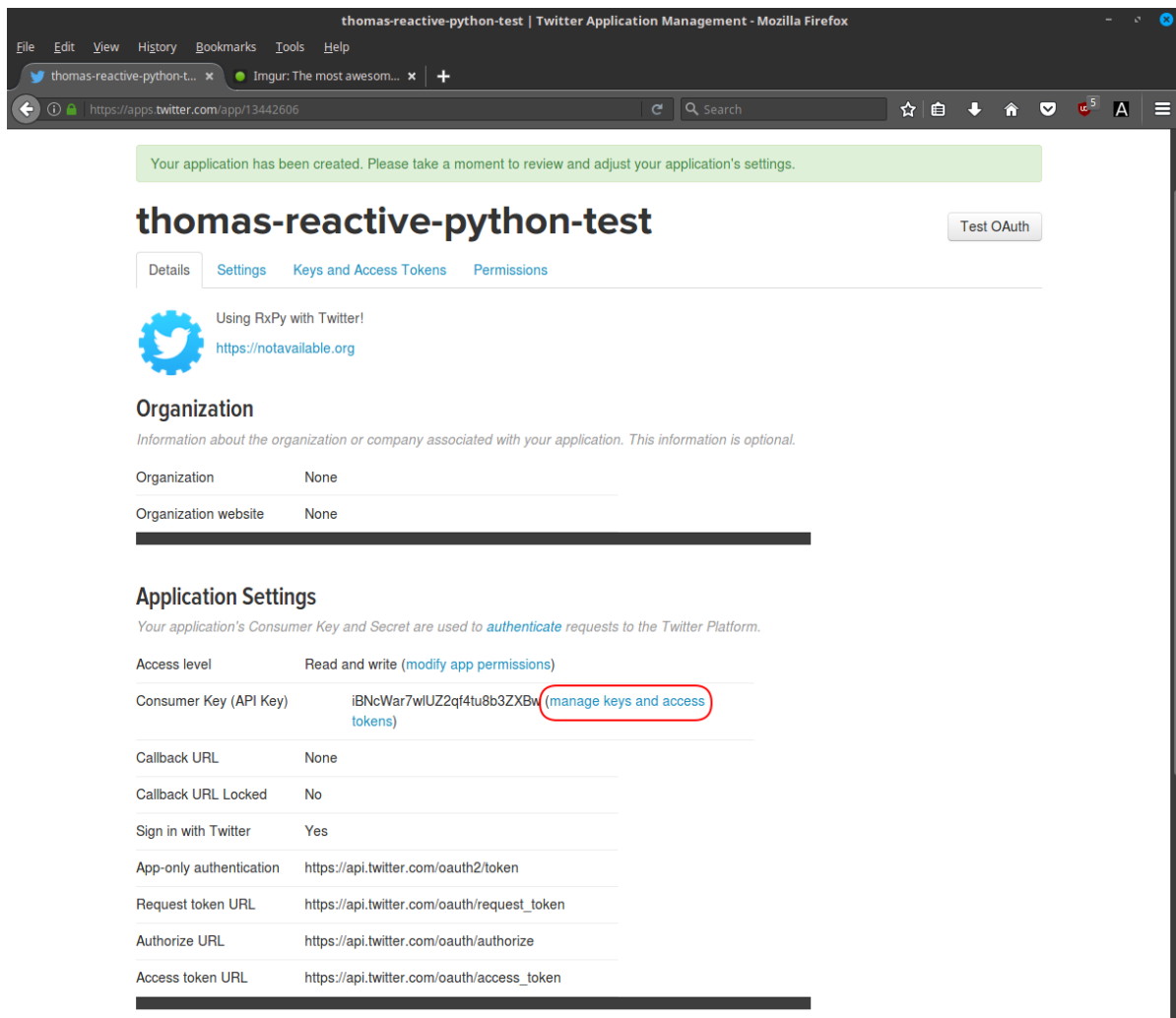
**Callback URL**  
  
Where should we return after successfully authenticating? OAuth 1.0a applications should explicitly specify their oauth\_callback URL on the request token step, regardless of the value given here. If your application is not using OAuth 1.0a, or if you are using OAuth 2.0, leave this field blank.

**Developer Agreement**  
☒ Yes, I have read and agree to the [Twitter Developer Agreement](#).

Create your Twitter application

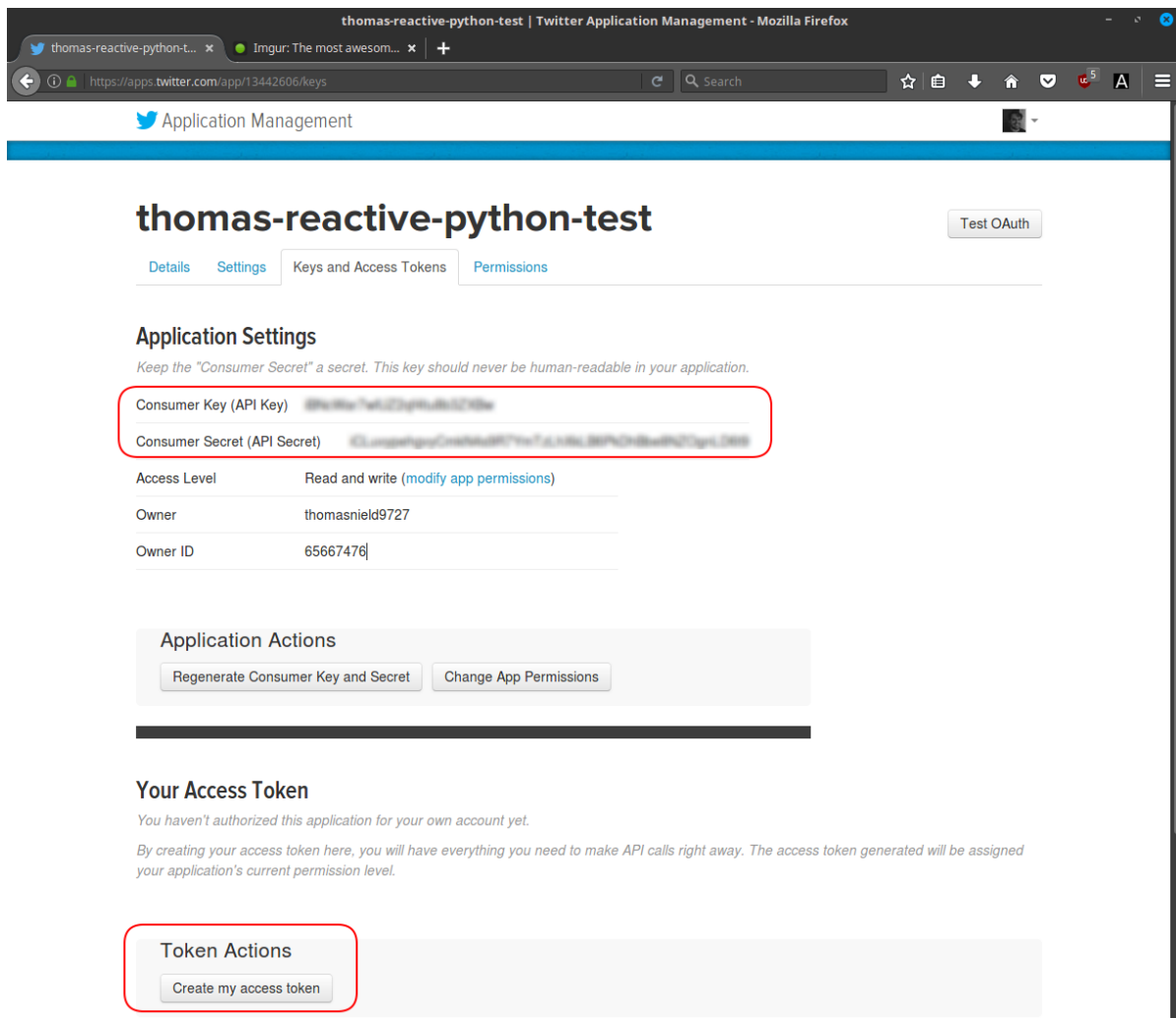
**Figure 2:** Filling out the form to create an API account

After that, your API account will be set up. You will see the page below. Click the "Manage Keys and Access Tokens" link (Figure 3).



**Figure 3:** Click "Manage Keys and Access Tokens"

You will then come to a page to manage your keys and tokens, which you will need to have so Tweepy can use this account. Note the "Consumer Key" and "Consumer Secret" values. You will need those. Then click "Create my access token".



**Figure 4:** Note the values above, and click "Create my access token"

A panel will pop up at the bottom with two more values: "Access Token" and "Access Token Secret". Hold on to these two values as well (Figure 5).

thomas-reactive-python-test | Twitter Application Management - Mozilla Firefox

thomas-reactive-python-t... x Imgur: The most awesom... x +

https://apps.twitter.com/app/13442606/keys

Refresh your changes are not yet indicated.

## thomas-reactive-python-test

Test OAuth

Details Settings Keys and Access Tokens Permissions

### Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Key (API Key)	iBNcWar7wUz2qf4tu8b3ZXBw
Consumer Secret (API Secret)	iCLuvypehgvvCmkN4s9R7YmTzLhXkLB6PkDhBbe8NZOgnLD6t9
Access Level	Read and write ( <a href="#">modify app permissions</a> )
Owner	thomasnield9727
Owner ID	65667476

### Application Actions

[Regenerate Consumer Key and Secret](#) [Change App Permissions](#)

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### Your Access Token

This access token can be used to make API requests on your own account's behalf. Do not share your access token secret with anyone.

Access Token	65667476 Wb2LwGz2WbMwK5ongfWPT17WbK33W4T5Lk7Hw
Access Token Secret	Wb2LwGz2WbMwK5ongfWPT17WbK33W4T5Lk7Hw
Access Level	Read and write
Owner	thomasnield9727
Owner ID	65667476

**Figure 5:** The "Access Token" and "Access Token "

Do not share these four key/token values as they are used to access your Twitter API account. Be sure to follow the usage agreement so your access is not revoked.