

How to install and run?

1. Read the README file and access the code.zip using the google drive link.
2. Download and unzip the code.zip files.
3. **Optional:** Install the packages that are mentioned in “requirements.txt” file, **It is designed such that you don’t need to install requirements.txt separately, again if it shows errors regarding modules then try installing requirements.txt**
4. Open the terminal/ command prompt and run the following code
 - cd downloads
 - cd code
 - streamlit run test.py

```
[surya@Jaspers-MacBook-Air ~ % cd downloads  
[surya@Jaspers-MacBook-Air downloads % cd code  
[surya@Jaspers-MacBook-Air code % streamlit run test.py
```

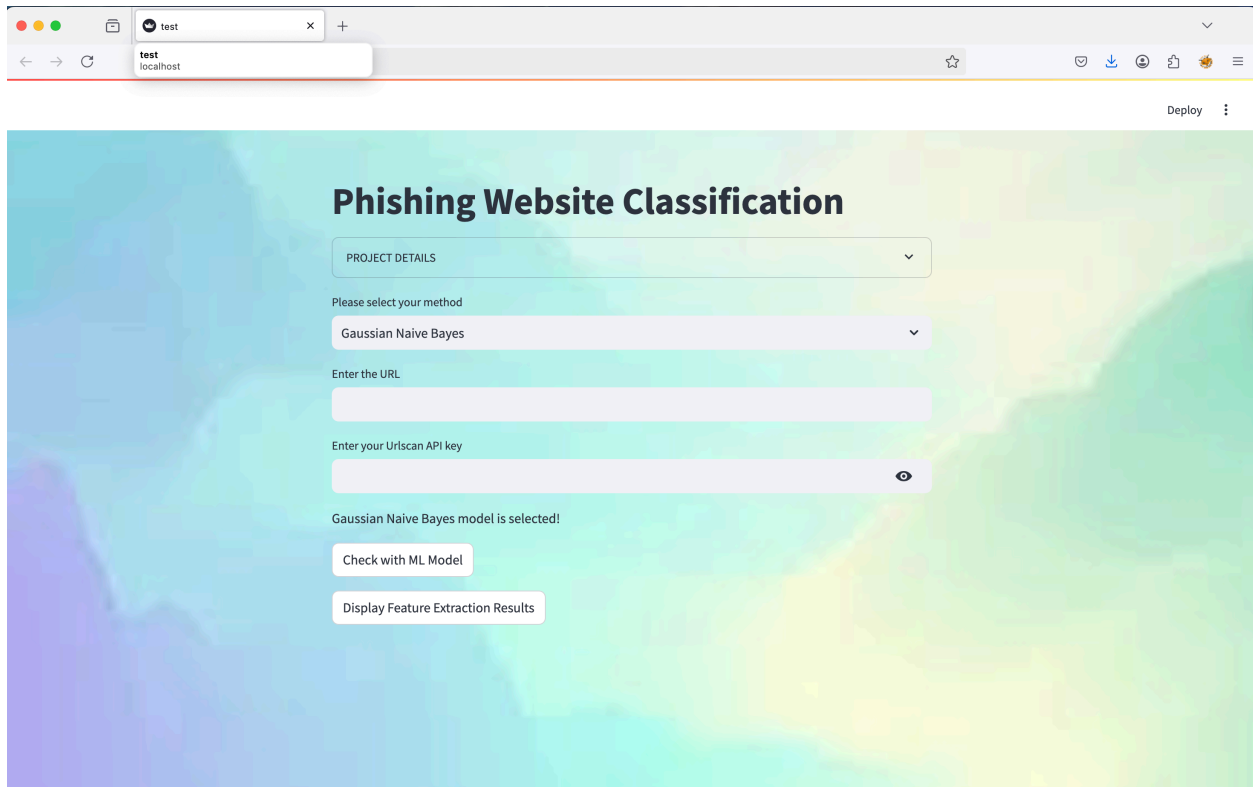
You can now view your Streamlit app in your browser.

Local URL: <http://localhost:8501>
Network URL: <http://192.168.0.101:8501>

For better performance, install the Watchdog module:

```
$ xcode-select --install  
$ pip install watchdog
```

5. This action redirects to our interface as shown below:



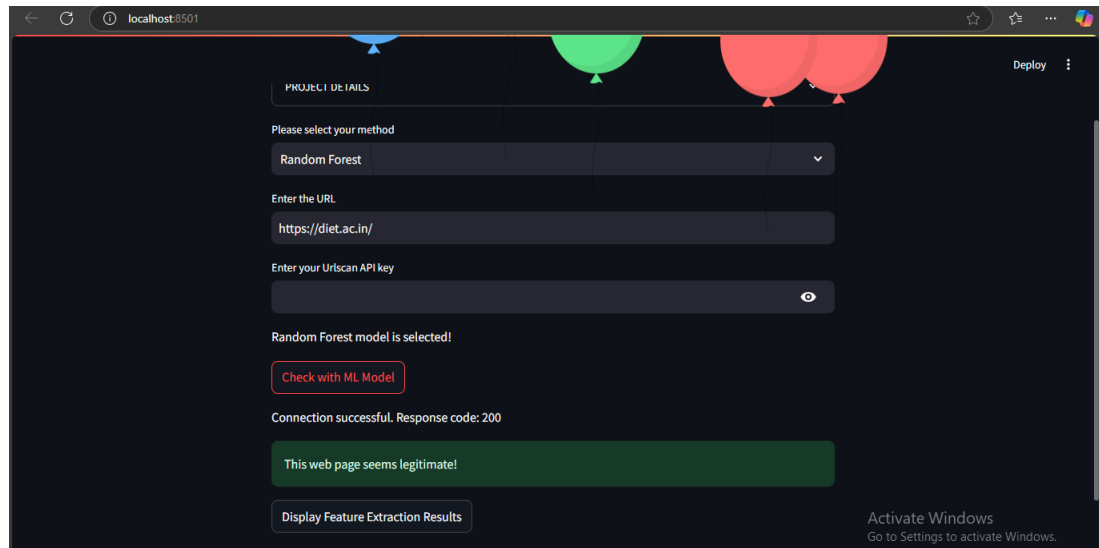
6. Select a method through which you want to classify your URL i.e

- ML model
- API integration

➤ Machine learning method:

- Select a machine learning algorithm from the dropdown.
- enter the URL that should be classified.
- Click on “check with ML model” button.

- You can see the results below, for example



➤ API Integration method:

- In please select a method dropdown box, select “check with URLScan.io”.
- To check the URL whether its legitimate or not through API method you first need to create a API key from “[URL and website scanner - urlscan.io](https://urlscan.io)” website and create an account, if you already have one create a new API key or use already existing key.
- Steps to create an account in urlscan.io is as follows
 - 1) Go to the login page and click on “create one! “ Below the “forgot your password” button

Login

E-Mail Address

Password

2FA Token (if enabled)

✔ Login

Forgot your password?

Don't have an account yet? [Create one!](#)

- Enter your details in the required sections , check the checkbox below and click on “create account” button

urlscan.io

Home Search Live API Blog Docs Pricing Login

urlscan.io

A sandbox for the web

Once you sign up, you will be able to enjoy these additional features:

- Get higher API quotas than anonymous users
- Create & manage API keys
- Use the Bulk URL submission feature
- No more reCaptcha during submissions
- Filter the Search results for your own submissions
- Set default Scan preferences
- Leave your own verdicts or comments on scans

We will only use your email address to send you transactional emails. We will **not** use your data to send you unsolicited emails, neither will we share your data with third parties.

Attention: Inactive users & SPAM signups

We will automatically purge user-accounts who have not activated their account after a month as well as users who have been inactive for more than a year. We will also remove signups attempts which look like spam. To prevent that from happening, consider supplying your company name during signup.

User information

First Name (Required)

Last Name (Required)

Email address (Required)

Attention: You have to use a valid email address to receive the activation mail. Please **do not** use an outlook.com or hotmail.com address.

Password (Required)

Attention: Password must be at least 8 characters, contain one digit, one uppercase character, one lowercase character and one special character.

Company Name (Optional)

Job title (Optional)

Activate Windows

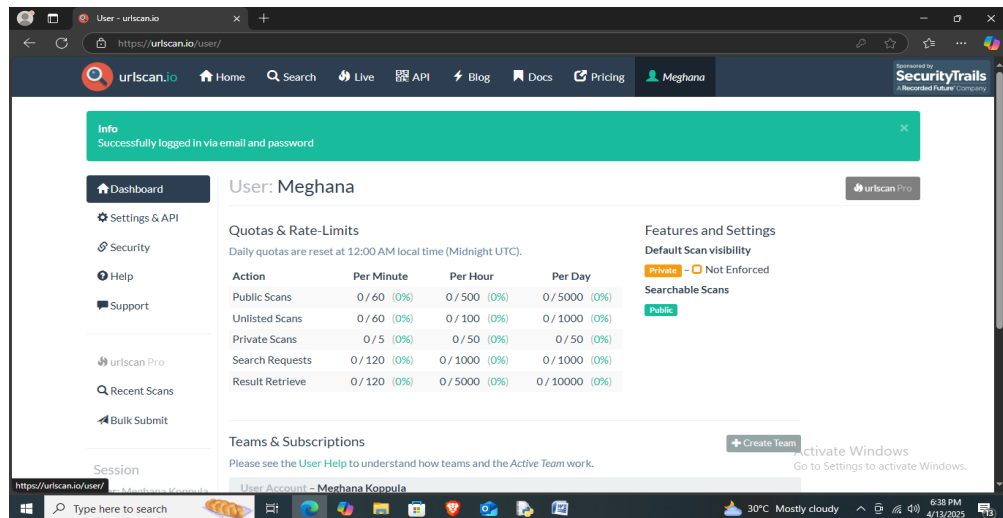
Go to Settings to activate Windows

Terms and Conditions (Required)

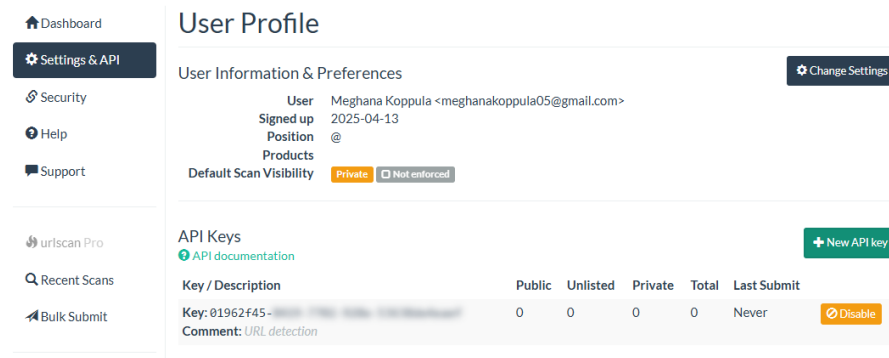
☒ I have read and agree with the [Terms of Service](#) and the [Privacy Policy](#).

✔ Create account

- Check your registered email and login using the credentials
- Now , to create a API key go to user profile and click on “settings & API” where you can create a new API key



5) Click on “CREATE API KEY” button. Enter a description such that an API key is enabled.



- Now, copy and paste the key in the our user interface.
- Enter the URL
- Click on check URL with URLScan.io and you can see the output below, for example

Deploy

Check URL with Uriscan.io

Enter the URL

https://diet.ac.in/

Enter your Uriscan API key

.....

Check URL on Uriscan.io

Scan submitted successfully. Scan ID: 01962f82-ea60-761c-a3e6-790da628f66f

Waiting for the scan to complete...

Scan Results

URL: <https://diet.ac.in/>

Malicious: False

No categories associated with this URL.

[View full scan details here](#)

Activate Windows
Go to Settings to activate Windows.

You can also view the URL website in your URLScan.io account by clicking on “view full scan details here”.

➤ Feature extraction:

- After you enter the url, to obtain the features existing in the url click on “display feature extraction results”
- It displays all the features in the url.

Deploy

Display Feature Extraction Results

Extracted Features

	0	1
0	has_title	1
1	has_input	1
2	has_button	1
3	has_image	0
4	has_submit	0
5	has_link	1
6	has_password	0
7	has_email_input	0
8	has_hidden_element	0
9	has_audio	0
10	has_video	0
11	number_of_inputs	1
12	number_of_buttons	1
13	number_of_images	0
14	number_of_option	0
15	number_of_list	190
16	number_of_th	0
17	number_of_tr	0
18	number_of_href	40