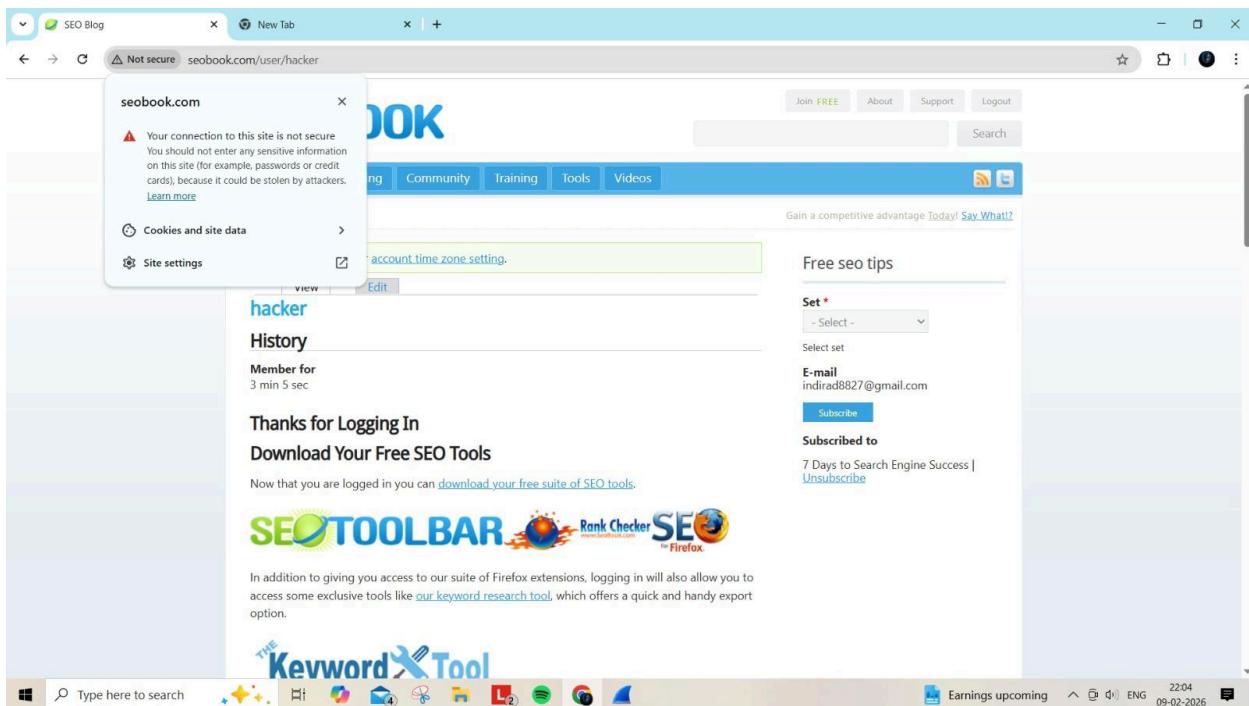


Task Objective

- Analyse unencrypted HTTP traffic using Wireshark to identify potential exposure of login credentials or other sensitive information.
- The goal was to inspect captured packets, follow relevant streams, and recognise how insecure protocols can reveal data in plaintext during network communication.

Website 01



No.	Time	Source	Destination	Protocol	Length	Info
7988	243.356437	192.168.1.44	45.79.65.120	HTTP	660	GET /user HTTP/1.1
8017	243.760852	192.168.1.44	45.79.65.120	HTTP	599	GET /misc/message-24-ok.png
8046	243.987824	45.79.65.120	192.168.1.44	HTTP	616	HTTP/1.1 200 OK (text/html)
8048	243.997101	192.168.1.44	45.79.65.120	HTTP	628	GET /signup/ HTTP/1.1
8054	244.082213	45.79.65.120	192.168.1.44	HTTP	1495	HTTP/1.1 200 OK (PNG)
8063	244.351441	45.79.65.120	192.168.1.44	HTTP	59	HTTP/1.1 200 OK (text/html)
9204	304.725646	192.168.1.44	192.168.1.17	HTTP	226	GET /nservice/ HTTP/1.1
9207	304.749901	192.168.1.17	192.168.1.44	HTTP/X...	291	HTTP/1.1 200 OK
9216	304.783003	192.168.1.44	192.168.1.17	HTTP	248	GET /ws/app/com.spotify.Spot
9218	304.810593	192.168.1.17	192.168.1.44	HTTP	251	HTTP/1.1 404 Not Found
→ 9497	317.704003	192.168.1.44	45.79.65.120	HTTP	873	POST /user HTTP/1.1 (application/x-www-form-urlencoded)
← 9502	318.048602	45.79.65.120	192.168.1.44	HTTP	915	HTTP/1.1 302 Moved Temporarily
• 9506	318.062337	192.168.1.44	45.79.65.120	HTTP	658	GET /user/hacker HTTP/1.1
9593	319.343304	45.79.65.120	192.168.1.44	HTTP	207	HTTP/1.1 200 OK (text/html)
9595	319.363486	192.168.1.44	45.79.65.120	HTTP	635	GET /signup/ HTTP/1.1
9638	319.649678	45.79.65.120	192.168.1.44	HTTP	59	HTTP/1.1 200 OK (text/html)
9663	319.759712	192.168.1.44	45.79.65.120	HTTP	368	GET /user/hacker HTTP/1.1
9775	322.262904	45.79.65.120	192.168.1.44	HTTP	958	HTTP/1.1 200 OK (text/html)

```

> Frame 9497: 873 bytes on wire (6984 bits), 873 bytes captured (6984 bits) on interface \Device\NPF_{3499
> Ethernet II, Src: Intel_88:30:65 (34:c9:3d:88:30:65), Dst: zte_f6:c0:c0 (b8:dd:71:f6:c0:c0)
> Internet Protocol Version 4, Src: 192.168.1.44, Dst: 45.79.65.120
> Transmission Control Protocol, Src Port: 42163, Dst Port: 80, Seq: 1, Ack: 1, Len: 819
> Hypertext Transfer Protocol
▼ HTML Form URL Encoded: application/x-www-form-urlencoded
  > Form item: "name" = "hacker"
  > Form item: "pass" = "NAtLYTvkL3"
  > Form item: "form_build_id" = "form-jbPHpfkCypjfAX15zFWNOTkMdzROJ3IwattvGriXMJs"
  > Form item: "form_id" = "user_login"
  > Form item: "op" = "Log in"

```

Website 02

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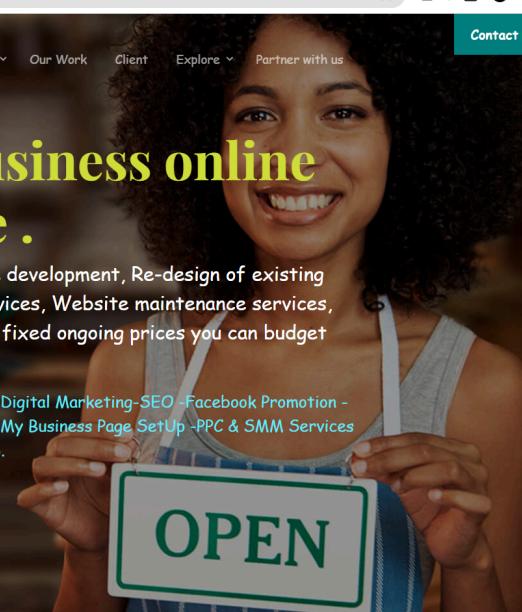
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No.	Time	Source	Destination	Protocol	Length	Info
834	49.259193	192.168.1.44	148.72.90.48	HTTP	790	POST /contact.php HTTP/1.1
962	49.845464	148.72.90.48	192.168.1.44	HTTP	544	HTTP/1.1 200 OK (text/html)
1084	50.547032	192.168.1.44	148.72.90.48	HTTP	379	GET /contact.php HTTP/1.1
1096	50.739413	148.72.90.48	192.168.1.44	HTTP	235	HTTP/1.1 200 OK
1546	82.921804	192.168.1.44	148.72.90.48	HTTP	792	POST /contact.php HTTP/1.1
1567	85.615648	148.72.90.48	192.168.1.44	HTTP	346	HTTP/1.1 302 Moved Temporarily
1575	85.626568	192.168.1.44	148.72.90.48	HTTP	587	GET / HTTP/1.1
1834	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	[TCP Previous segment not c
1835	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1836	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1837	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1838	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1839	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1840	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1841	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1842	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1843	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation
1844	87.502191	148.72.90.48	192.168.1.44	HTTP	1506	Continuation

```

> Frame 1546: 792 bytes on wire (6336 bits), 792 bytes captured (6336 bits) on interface \Device\NPF_{3499...
> Ethernet II, Src: Intel_88:30:65 (34:c9:3d:88:30:65), Dst: zte_f6:c0:c0 (b8:dd:71:f6:c0:c0)
> Internet Protocol Version 4, Src: 192.168.1.44, Dst: 148.72.90.48
> Transmission Control Protocol, Src Port: 45182, Dst Port: 80, Seq: 737, Ack: 492, Len: 738
> Hypertext Transfer Protocol
< HTML Form URL Encoded: application/x-www-form-urlencoded
  > Form item: "fullname" = "Renu Singh"
  > Form item: "email" = "indirad8827@gmail.com"
  > Form item: "phone" = "91099661045"
  > Form item: "message" = "hello"

```

Website 03

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ID	Time	Source	Destination	Protocol	Length	Info
45	5.571503	192.168.1.22	184.168.109.23	HTTP	653	GET /OJS/index.php/JRDPP/log
53	5.778547	184.168.109.23	192.168.1.22	HTTP	397	HTTP/1.1 200 OK (text/html)
197	20.245443	192.168.1.22	184.168.109.23	HTTP	804	POST /OJS/index.php/JRDPP/lc
268	20.481889	184.168.109.23	192.168.1.22	HTTP	560	HTTP/1.1 302 Moved Temporari
271	20.492915	192.168.1.22	184.168.109.23	HTTP	654	GET /OJS/index.php/JRDPP/inc
293	20.747548	184.168.109.23	192.168.1.22	HTTP	393	HTTP/1.1 200 OK (text/html)


```

Frame 197: 804 bytes on wire (6432 bits), 804 bytes captured (6432 bits) on interface \Device\NPF_{3499F
Ethernet II, Src: Intel_88:30:65 (34:c9:3d:88:30:65), Dst: zte_f6:c0:c0 (b8:dd:71:f6:c0:c0)
Internet Protocol Version 4, Src: 192.168.1.22, Dst: 184.168.109.23
Transmission Control Protocol, Src Port: 33732, Dst Port: 80, Seq: 1, Ack: 1, Len: 750
Hypertext Transfer Protocol
HTML Form URL Encoded: application/x-www-form-urlencoded
> Form item: "source" = ""
> Form item: "username" = "renu"
> Form item: "password" = "test02"

```

Website 04

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No.	Time	Source	Destination	Protocol	Length	Info
1741	94.832106	192.168.1.22	139.162.21.114	HTTP	427	GET /lib/pkp/js/lib/jquery/p
1747	94.859135	139.162.21.114	192.168.1.22	HTTP	442	HTTP/1.1 302 Found
1776	94.910684	139.162.21.114	192.168.1.22	HTTP	885	HTTP/1.1 200 OK (text/javascript)
1785	94.947224	139.162.21.114	192.168.1.22	HTTP	1506	[TCP Previous segment not ca
2099	99.065133	192.168.1.22	139.162.21.114	HTTP	627	GET /index.php/jed/login/sig
2108	99.143384	139.162.21.114	192.168.1.22	HTTP	324	HTTP/1.1 302 Found
2112	99.146899	192.168.1.22	139.162.21.114	HTTP	619	GET /index.php/jed/login HTT
2138	99.264209	139.162.21.114	192.168.1.22	HTTP	183	HTTP/1.1 200 OK (text/html)
4411	147.775751	192.168.1.22	139.162.21.114	HTTP	801	POST /index.php/jed/login/si
4433	147.966570	139.162.21.114	192.168.1.22	HTTP	569	HTTP/1.1 302 Found
4443	147.971975	192.168.1.22	139.162.21.114	HTTP	646	GET /index.php/jed/index HTT
4558	151.537202	139.162.21.114	192.168.1.22	HTTP	93	HTTP/1.1 200 OK (text/html)
4584	151.543282	192.168.1.22	139.162.21.114	HTTP	547	GET /public/journals/5/homeH
4609	151.569337	192.168.1.22	139.162.21.114	HTTP	382	GET /index.php/jed/index HTT
4620	151.708876	139.162.21.114	192.168.1.22	HTTP	708	HTTP/1.1 200 OK (PNG)
4629	151.713759	192.168.1.22	139.162.21.114	HTTP	541	GET /public/journals/5/homep
4661	152.192542	139.162.21.114	192.168.1.22	HTTP	1169	HTTP/1.1 200 OK (JPEG JFIF)
4718	152.764608	139.162.21.114	192.168.1.22	HTTP	1150	[TCP Previous segment not ca

```

> Frame 4411: 801 bytes on wire (6408 bits), 801 bytes captured (6408 bits) on interface \Device\NPF_{3495
> Ethernet II, Src: Intel_88:30:65 (34:c9:3d:88:30:65), Dst: zte_f6:c0:c0 (b8:dd:71:f6:c0:c0)
> Internet Protocol Version 4, Src: 192.168.1.22, Dst: 139.162.21.114
> Transmission Control Protocol, Src Port: 35447, Dst Port: 80, Seq: 1, Ack: 1, Len: 747
> Hypertext Transfer Protocol
< HTML Form URL Encoded: application/x-www-form-urlencoded
  > Form item: "source" = ""
  > Form item: "username" = "rishabh"
  > Form item: "password" = "test04"

```

Website 05

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No.	Time	Source	Destination	Protocol	Length	Info
2082	65.737389	192.168.1.22	103.85.64.131	HTTP	649	GET /index.php/pkmyarsi/web
2096	65.994939	103.85.64.131	192.168.1.22	HTTP/X...	1073	HTTP/1.1 200 OK
2101	66.028995	192.168.1.22	103.85.64.131	HTTP	473	GET /lib/pkp/js/jquery.pnot
2107	66.120076	103.85.64.131	192.168.1.22	HTTP	894	HTTP/1.1 200 OK (application/javascript)
2275	68.135228	192.168.1.22	202.10.43.81	HTTP	368	GET /jiip/index.php/index/l
2280	68.287027	202.10.43.81	192.168.1.22	HTTP	986	HTTP/1.1 200 OK (text/html)
2398	71.243456	192.168.1.22	103.85.64.131	HTTP	657	GET /index.php/pkmyarsi/web
2411	71.516216	103.85.64.131	192.168.1.22	HTTP	338	HTTP/1.1 200 OK
2416	71.562697	192.168.1.22	103.85.64.131	HTTP	658	GET /index.php/pkmyarsi/web
2428	71.792478	103.85.64.131	192.168.1.22	HTTP/X...	1138	HTTP/1.1 200 OK
3990	109.960409	192.168.1.22	103.85.64.131	HTTP	821	POST /index.php/pkmyarsi/we
4034	110.237920	103.85.64.131	192.168.1.22	HTTP	430	HTTP/1.1 200 OK
4038	110.290705	192.168.1.22	103.85.64.131	HTTP	639	GET /index.php/pkmyarsi/ind
4051	110.440737	103.85.64.131	192.168.1.22	HTTP/X...	1203	HTTP/1.1 200 OK
4055	110.478402	192.168.1.22	103.85.64.131	HTTP	533	GET /public/conferences/1/h
4509	111.074094	103.85.64.131	192.168.1.22	HTTP	816	HTTP/1.1 200 OK (PNG)
6204	148.184549	192.168.1.22	196.189.20.53	HTTP	378	GET /maintenix/common/secur
6218	148.523516	196.189.20.53	192.168.1.22	HTTP	1029	HTTP/1.1 200 OK (text/html)

> Frame 3990: 821 bytes on wire (6568 bits), 821 bytes captured (6568 bits) on interface \Device\NPF_{349...}
> Ethernet II, Src: Intel_88:30:65 (34:c9:3d:88:30:65), Dst: zte_f6:c0:c0 (b8:dd:71:f6:c0:c0)
> Internet Protocol Version 4, Src: 192.168.1.22, Dst: 103.85.64.131
> Transmission Control Protocol, Src Port: 35911, Dst Port: 80, Seq: 1, Ack: 1, Len: 767
> Hypertext Transfer Protocol
 HTML Form URL Encoded: application/x-www-form-urlencoded
 Form item: "source" = ""
 Form item: "username" = "richa"
 Form item: "password" = "test05"