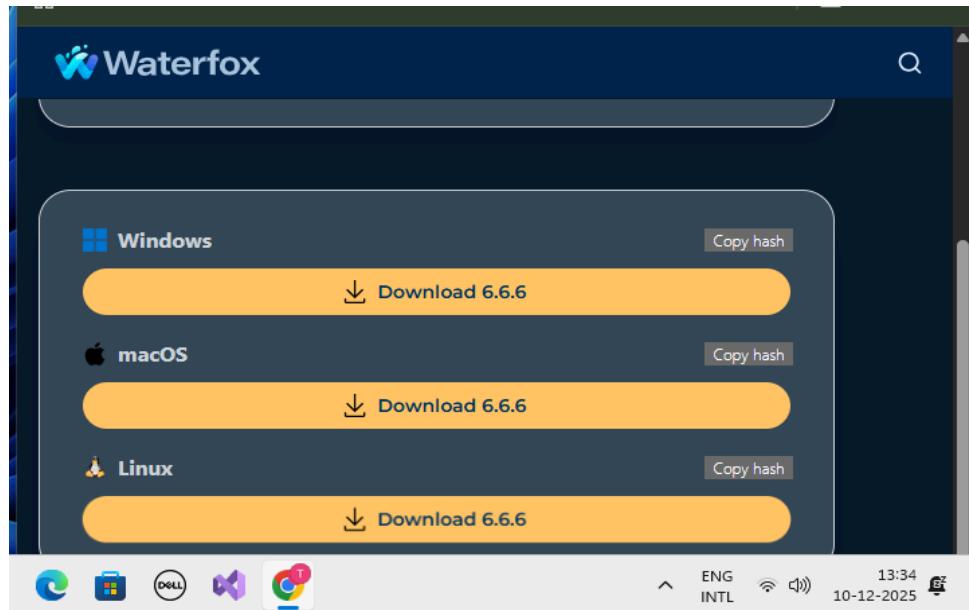


Practical No.8

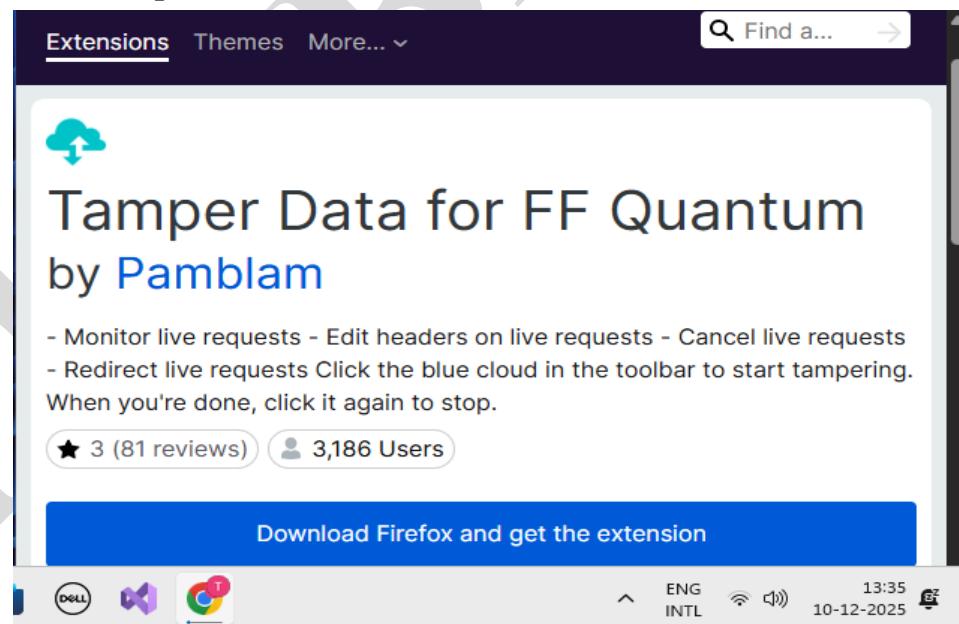
Aim: Session Impersonation with Firefox and Tamper Data

- Install and configure the Tamper Data add-on in Firefox.
- Intercept and modify HTTP requests to impersonate a user's session.
- Understand the impact of session impersonation and the importance of session management.

1. Download and Install Waterfox



2. Install Tamper Data Add-on



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3. Install Cookie Editor

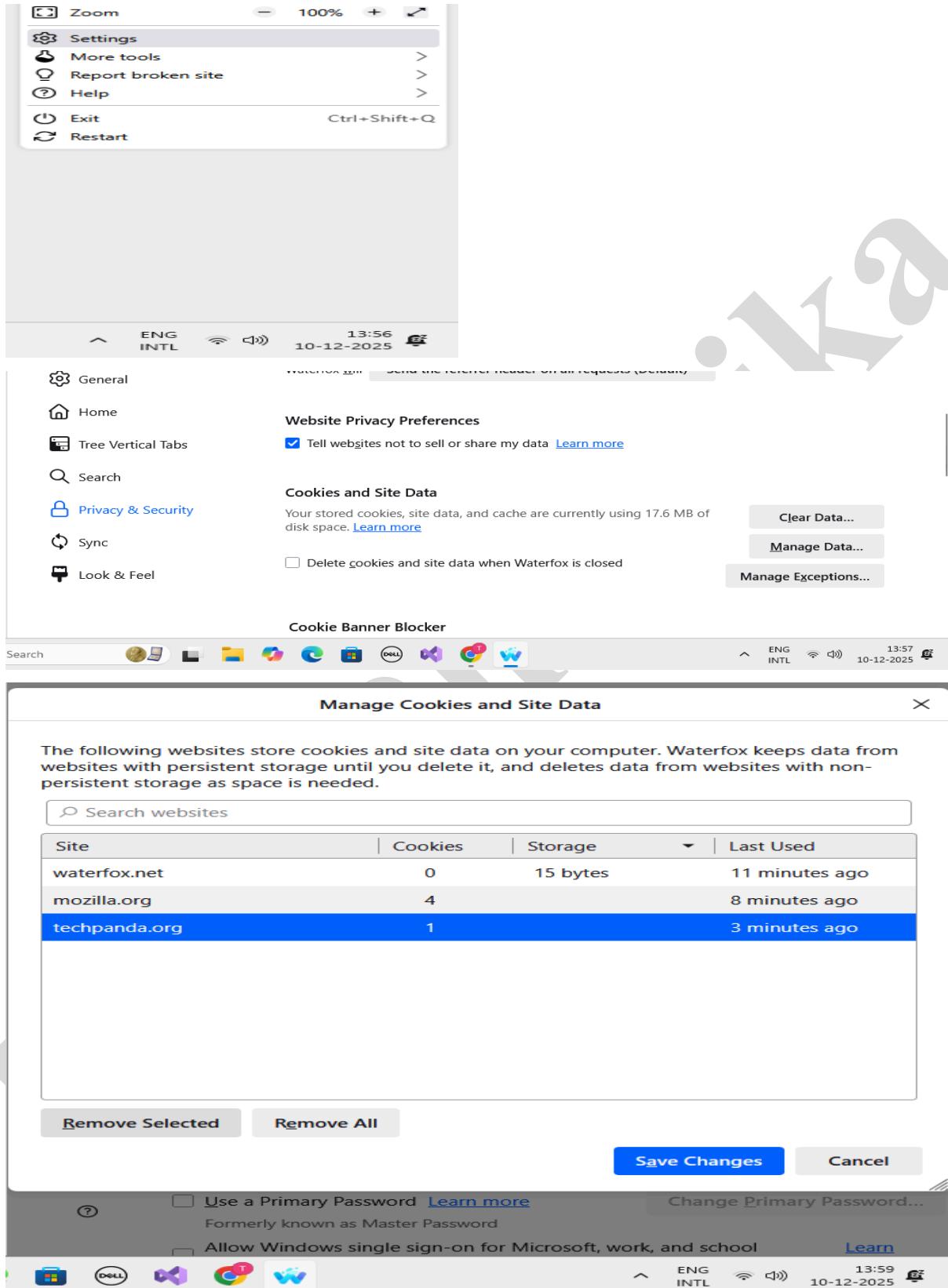
The screenshot shows the Firefox Add-ons page with the search bar set to "Find add-ons". The "Extensions" tab is selected. A warning message at the top states: "⚠ This add-on is not actively monitored for security by Mozilla. Make sure you trust it before installing." Below this, the "Cookie-Editor" add-on by "cgagnier" is listed. It has a rating of 4.1 (219 reviews) and 100,189 users. A large blue "Add to Firefox" button is prominently displayed. At the bottom, there is a section titled "Screenshots" showing various browser windows.

4. Login to the Target Website

The screenshot displays two browser windows. The top window shows the "Login | Personal Contacts Manager v1.0" page with fields for Email* (admin@google.com), Password* (Password2010), and a Remember me checkbox. The bottom window shows the "Dashboard | Personal Contacts Manager v1.0" page, which includes a table of contacts and a "Log Out" button. The table data is as follows:

ID	First Name	Last Name	Mobile No	Email	Actions
1	mynams	jenefry	9898989898	admin@gmail.com	Edit
102391	Danish	Shaikh	9012365487	danielshaikh@gmail.com	Edit
102392	Shahzan	Mehdi	9555034298	mehdishazhan78@gmail.com	Edit
102393	Iconic	doremom	8198985856	dora@gmail.com	Edit
102394	Anurag	bheem	09619910186	bheem@gmail.com	Edit
102395	Ayaan	doremom	8198985856	dora@gmail.com	Edit
102396	Soham	Sawant	9819123373	sohamded@gmail.com	Edit
102397	I love you	raj	95036052025	admin@google.com	Edit

5. Delete Cookies



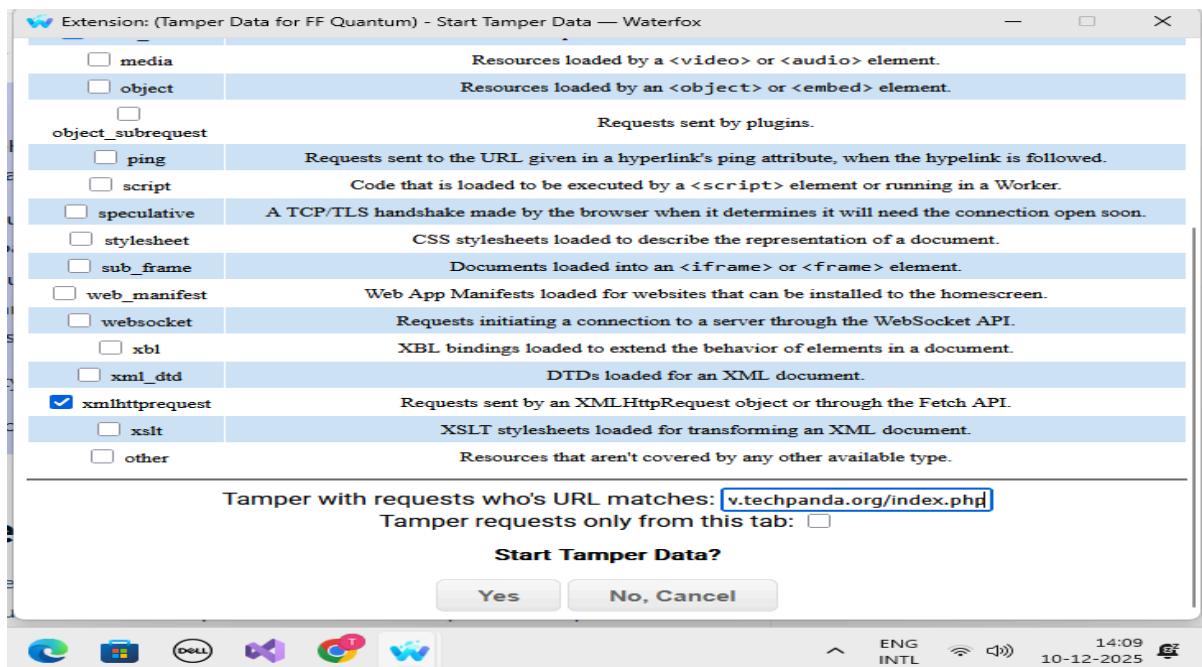
6. Start Tamper Data

1. Open Waterfox.

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2. Click Extensions → Open Tamper Data.

3. Click Start Tamper.

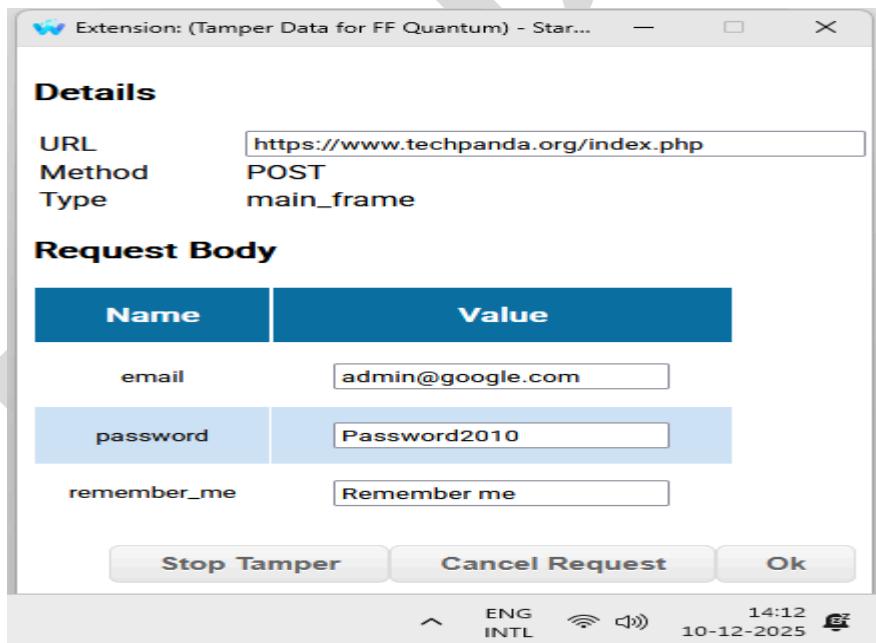


7. Open Dashboard URL

In a new tab, go to: <https://www.techpanda.org/dashboard.php>

1. Click on Submit, A popup appears asking to Ok.
2. Locate the PHPSESSIONID field.
3. Paste the copied PHPSESSIONID.
4. Click OK and Submit.

8. Successfully Impersonate the Session



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Extension: (Tamper Data for FF Quantum) - Start Tampe...

Details

URL	https://www.techpanda.org/index.php
Method	POST
Type	main_frame

Headers

Name	Value
Host	www.techpanda.org
User-Agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4666.64 Safari/537.36
Accept	text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language	en-US,en;q=0.5
Accept-Encoding	gzip, deflate, br, zstd
Content-Type	application/x-www-form-urlencoded
Content-Length	70
Origin	https://www.techpanda.org
Sec-GPC	1

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