

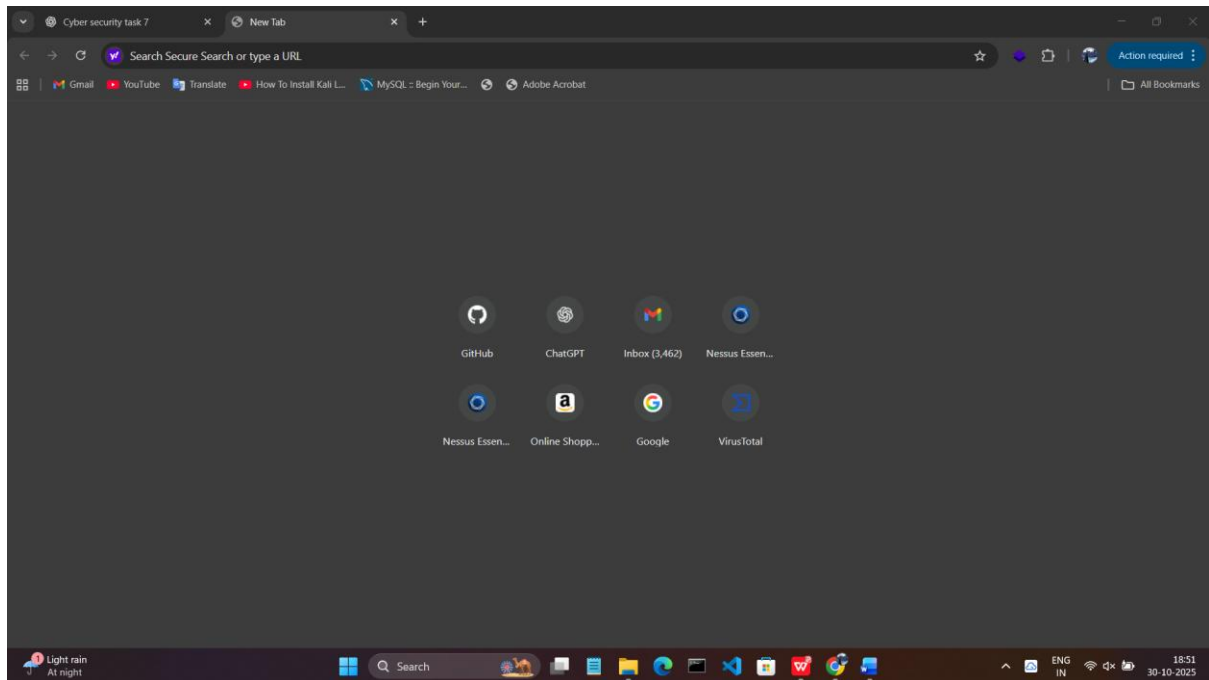
Task 7: Identify and Remove Suspicious Browser Extensions

Aim: Learn to spot and remove potentially harmful browser extensions.

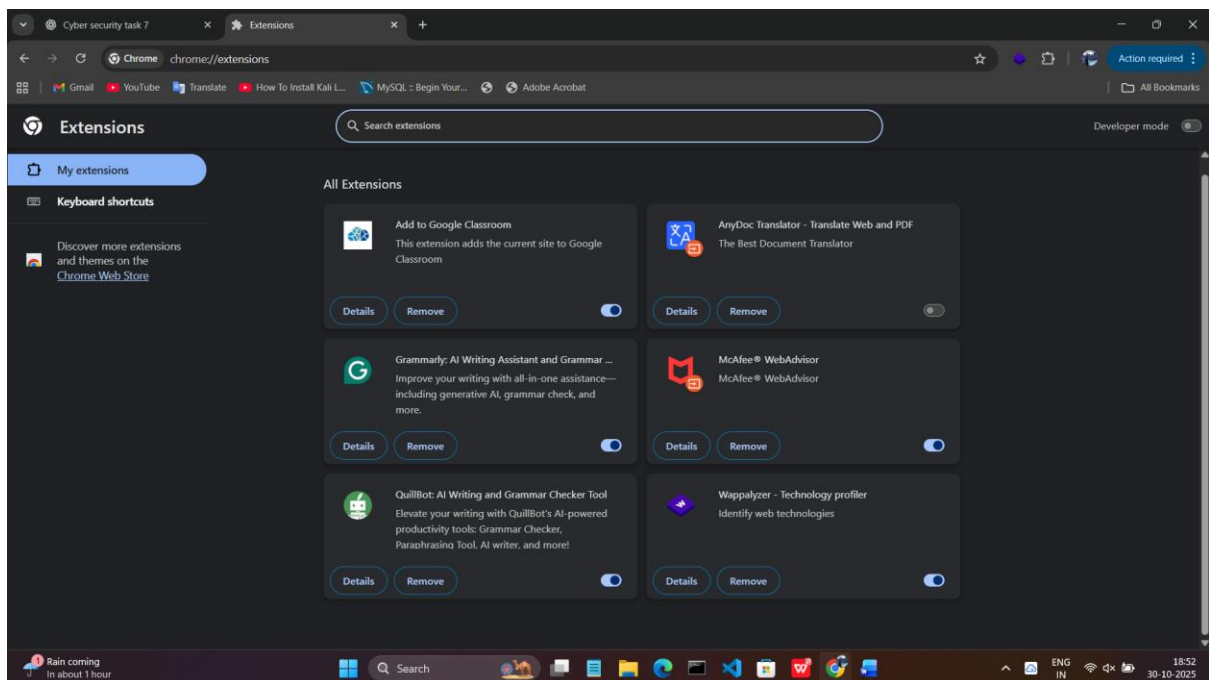
Requirements: Any web browser.

Steps:

1. Open the browser.

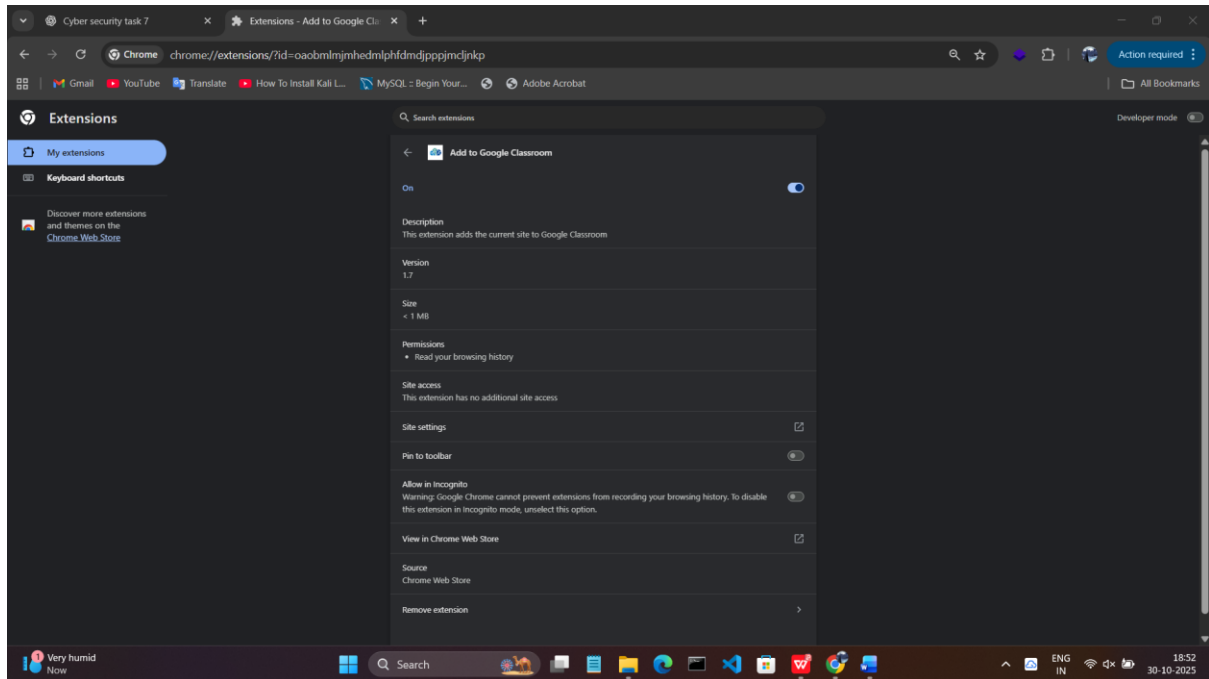


2. Then open the browser's Extensions/Add-ons Manager.

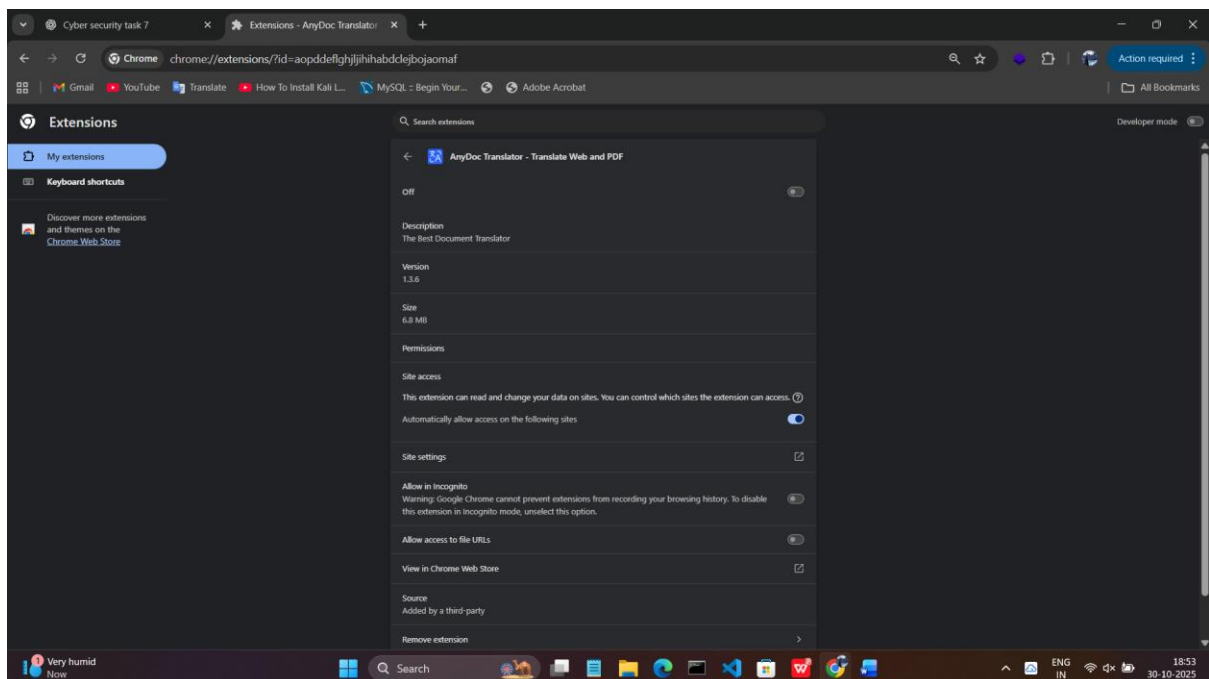


3. Review all installed extensions.

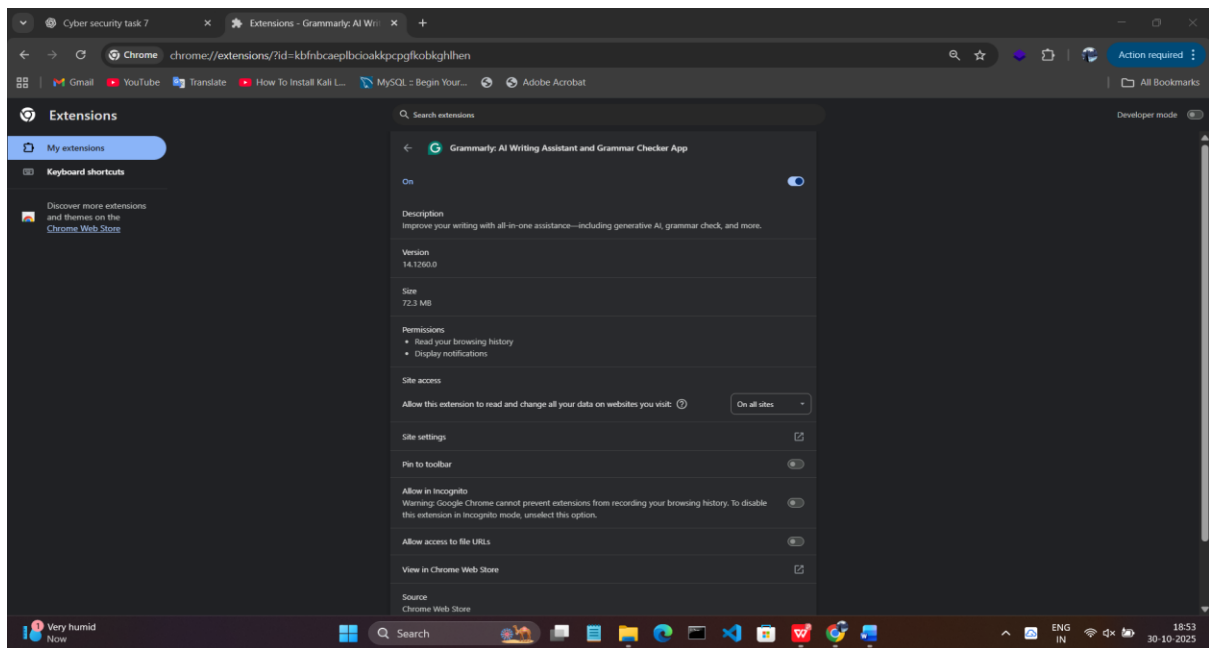
I. Add to Google Chrome



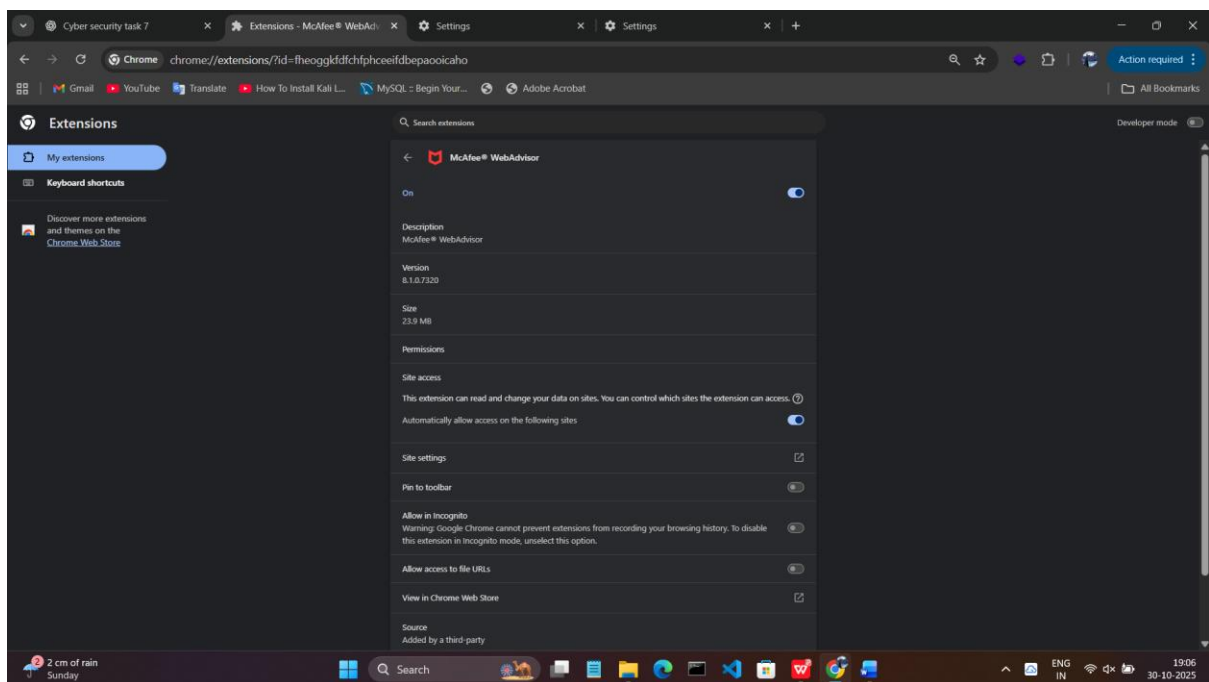
II. AnyDoc Translator – Translate Web and PDF.



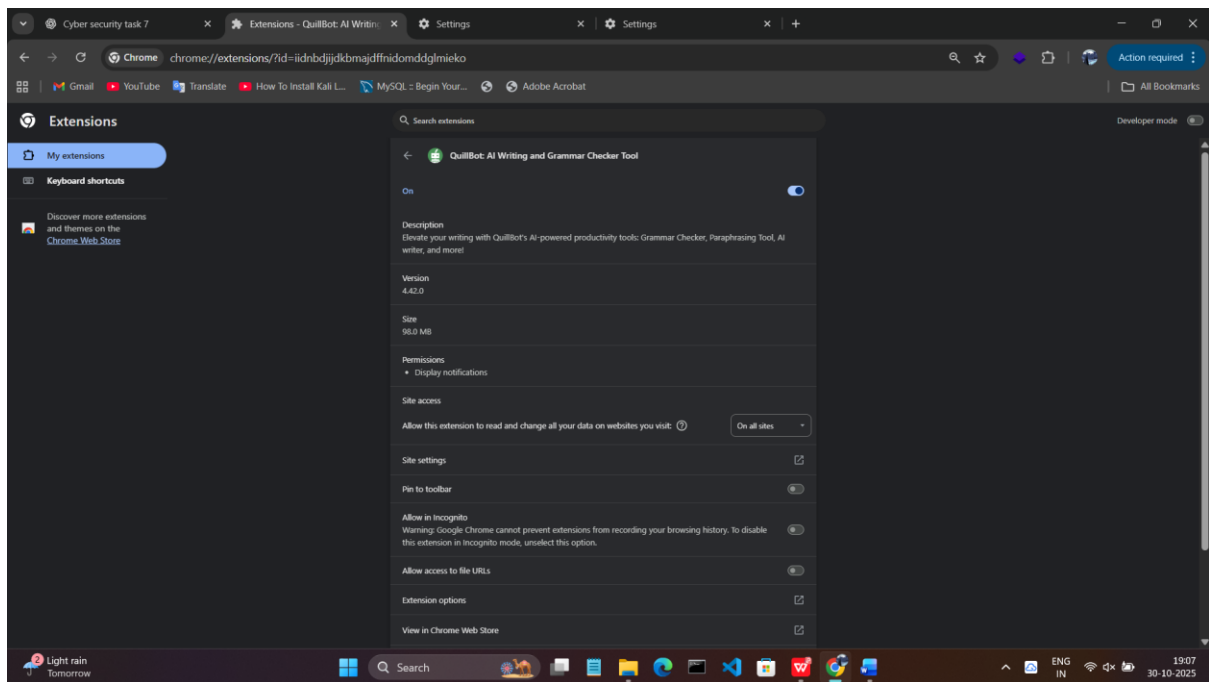
III. Grammarly: AI Writing and Grammar Checker App.



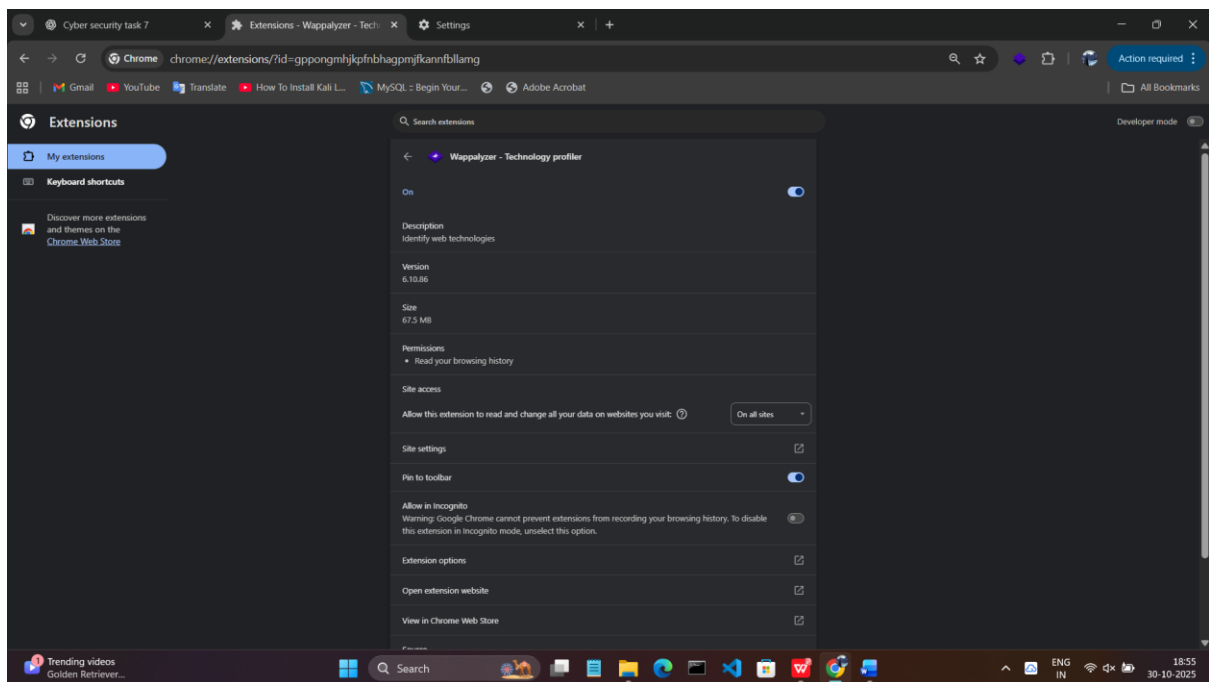
IV. McAfee - Web Advisor



V. Quill Bot: AL Writing Grammar Checker Tool.



VI. Wappalyzer – Technology profiler



4. Check each one's permissions and user reviews.

The screenshot shows the Chrome Web Store page for the 'Add to Google Classroom' extension by canopy.education. The extension has a 4.2-star rating from 97 reviews and 400,000 users. The main image shows a button that says 'Click the Icon' and 'Shares the current website to Google Classroom'. The overview section states: 'This extension adds the current site to Google Classroom. Save sites from around the web back to Google Classroom. Just click the Google Classroom button to save the site to your selected Google Classroom, to share with students as an announcement or an assignment. Note - you need to have a teacher account on Google Classroom for this extension to work.'

The screenshot shows the Chrome Web Store page for the 'AnyDoc Translator - Translate Web and PDF' extension. The extension has a 4.4-star rating from 170 reviews and 4,000,000 users. The main image shows a 'One-Click Full-Page Translation' button. The overview section states: 'The Best Document Translator. Free AI Translation Plugin - Fast, Accurate, and Perfectly Preserves Formatting. Supports translation of web pages, documents, text, and bilingual subtitles for video. Compatible with multiple AI models, including ChatGPT, DeepSeek, and Gemini. Whether for studying, research, or watching foreign language videos, it helps you handle everything with ease.' The page also features a 'You might also like...' section with recommendations for other translation extensions.

Cyber security task 7 x AnyDoc Translator - Translate V... x Extensions - Grammarly: AI Wri... x Grammarly: AI Writing Assis... x +

chromewebstore.google.com/detail/grammarly-ai-writing-assi/kbfnbcaepibciaoakpcpgfkobkghlhen

Grammarly: AI Writing Assistant and Grammar Checker App

4.5 (12.1K ratings) < Share

Extension Communication 45,000,000 users

Polish grammar, sharpen clarity, and elevate your writing

Get AI support for what you need, where you need it

Overview

Improve your writing with all-in-one assistance – including generative AI, grammar check, and more.

Grammarly for Chrome is your always-on AI partner for clearer, more compelling communication. From brainstorming ideas to final edits, Grammarly's advanced AI helps you write faster and with more confidence. It works across everything you write, whether it's an email, a school paper, or a business proposal.

Advanced AI support you can count on:

- Generate one-click drafts to help you start faster
- Build outlines to organize ideas clearly

[See more](#)

4.5 out of 5 ★★★★★

23°C Cloudy

Search

ENG IN

19:30 30-10-2025

Cyber security task 7 x Extensions - McAfee® WebAd... x McAfee® WebAdvisor - Chrom... x Wappalizer - Technology profi... x +

chromewebstore.google.com/detail/mcafee-webadvisor/theogkfdichphceelfdbepaoicaio

McAfee® WebAdvisor

4.6 (14.4K ratings) < Share

Extension Privacy & Security 10,000,000 users

McAfee protection for your browser

Steer clear of scams

Overview

McAfee® WebAdvisor

Browse safely, search with confidence.

McAfee WebAdvisor is your trusty companion that helps keep you safe while you browse and search the web. This extension protects you and your PC from scams, malware, and phishing attempts without slowing down your browsing experience.

Here's how it works:

- Stay ahead of video scams** Get alerts in seconds when the video you're watching is AI-generated, so you always know what's real and what's fake.

[See more](#)

4.6 out of 5 ★★★★★

Light rain At night

Search

ENG IN

19:46 30-10-2025

Cyber security task 7

Extensions - QuillBot: AI Writin

QuillBot: AI Writing and Gramm

McAfee® WebAdvisor - Chrom

Wappalyzer - Technology profil

+

chrome://extensions/detail/quillbot-ai-writing-and-grammar-checker-tool

chrome web store

Discover Extensions Themes

Search extensions and themes

QuillBot: AI Writing and Grammar Checker Tool

Remove from Chrome

https://quillbot.com

Featured

4.7

3.4K ratings

< Share

Extension

Communication

5,000,000 users

Overview

Elevate your writing with QuillBot's AI-powered productivity tools: Grammar Checker, Paraphrasing Tool, AI writer, and more!

Enhance Your Writing Anywhere You Work.

In today's fast-paced and increasingly global workplace, clear communication is essential. QuillBot for Chrome is an AI writing assistant that seamlessly integrates into the tools you already use to write, rephrase, and refine your writing. Whether you're crafting detailed reports, sending quick updates, or polishing client emails, QuillBot helps you write with clarity, confidence, and accuracy.

It's fast, multilingual, and free. And it's trusted by over 5 million professionals worldwide.

By installing the extension, you agree to the QuillBot Terms of Service (available at https://quillbot.com/terms) and acknowledge reading the QuillBot Privacy Policy (available at https://quillbot.com/privacy).

See more

4.7 out of 5

Write a review

Light rain
At night

Search

19:46
30-10-2025

Cyber security task 7

Extensions - Wappalyzer - Tech

Wappalyzer - Technology profil

+

chrome://extensions/detail/wappalyzer-technology-profiler

chrome web store

Discover Extensions Themes

Search extensions and themes

Wappalyzer - Technology profiler

Remove from Chrome

wappalyzer.com

Featured

4.6

2K ratings

< Share

Extension

Developer Tools

5,000,000 users

Overview

Identify web technologies

Wappalyzer is a technology profiler that shows you what websites are built with.

Find out what CMS a website is using, as well as any framework, ecommerce platform, JavaScript libraries and many more.

Wappalyzer is more than a CMS detector or framework detector: it uncovers more than a thousand technologies in dozens of categories such as programming languages, analytics, marketing tools, payment processors, CRM, CDN and others. Easter egg: if no technologies are found you can play a game of tic-tac-toe against the computer.

Install Wappalyzer for Chrome to find out the technologies used on websites you visit at glance.

See more

4.6 out of 5

Write a review

See all reviews

Light rain
At night

Search

19:45
30-10-2025

Summary Table:

Name	Permission	User Review out of 5	Source
Add to Google Classroom	<ul style="list-style-type: none">• Read your browsing history	4.2	Chrome Web Store
AnyDoc Translator	<ul style="list-style-type: none">• Read your browsing history• Modify data you copy and paste• Communicate with cooperating native applications	4.4	Added by a third-party
Grammarly: AI Writing Assistant and Grammar Checker App	<ul style="list-style-type: none">• Read your browsing history• Display notifications	4.5	Chrome Web Store
McAfee Web Advisor	<ul style="list-style-type: none">• This extension can read and change your data on sites. (You can control which sites the extension can access.)	4.6	Added by a third-party
QuillBot: AI Writing and Grammar Checker Tool	<ul style="list-style-type: none">• Display notifications• This extension to read and change all your data on websites you visit	4.7	Chrome Web Store
Wappalyzer - Technology profiler	<ul style="list-style-type: none">• Read your browsing history• This extension can read and change all your data on websites you visit	4.6	Chrome Web Store

5. Identify unused or suspicious ones.

Assessment and Reason

1. **Add to Google Classroom – Safe:**

This extension is an official Google product available on the Chrome Web Store. It requires minimal permissions and is designed for educational purposes, making it reliable and safe to keep.

2. **AnyDoc Translator – Suspicious (Removed):**

This extension was added by a third party and not from the Chrome Web Store. It requested excessive permissions such as reading browsing history, modifying clipboard data, and communicating with local applications. These actions can compromise privacy, so it was identified as unsafe and removed.

3. **Grammarly: AI Writing Assistant – Safe:**

Verified and trusted on the Chrome Web Store, Grammarly requests standard permissions necessary for grammar checking and writing suggestions. It poses no security or privacy threats and is safe to use.

4. **McAfee Web Advisor – Medium Risk (Verify Source):**

Although a genuine McAfee product, this extension was installed through a third party. Since it can read and change data on websites, its authenticity should be verified to ensure it's not a fake version. It can be retained after confirming it's from the official McAfee site.

5. **QuillBot: AI Writing and Grammar Tool – Safe:**

This is a trusted Chrome Web Store extension that provides grammar correction and writing assistance. The permissions it requests are necessary for its functions, so it is considered safe.

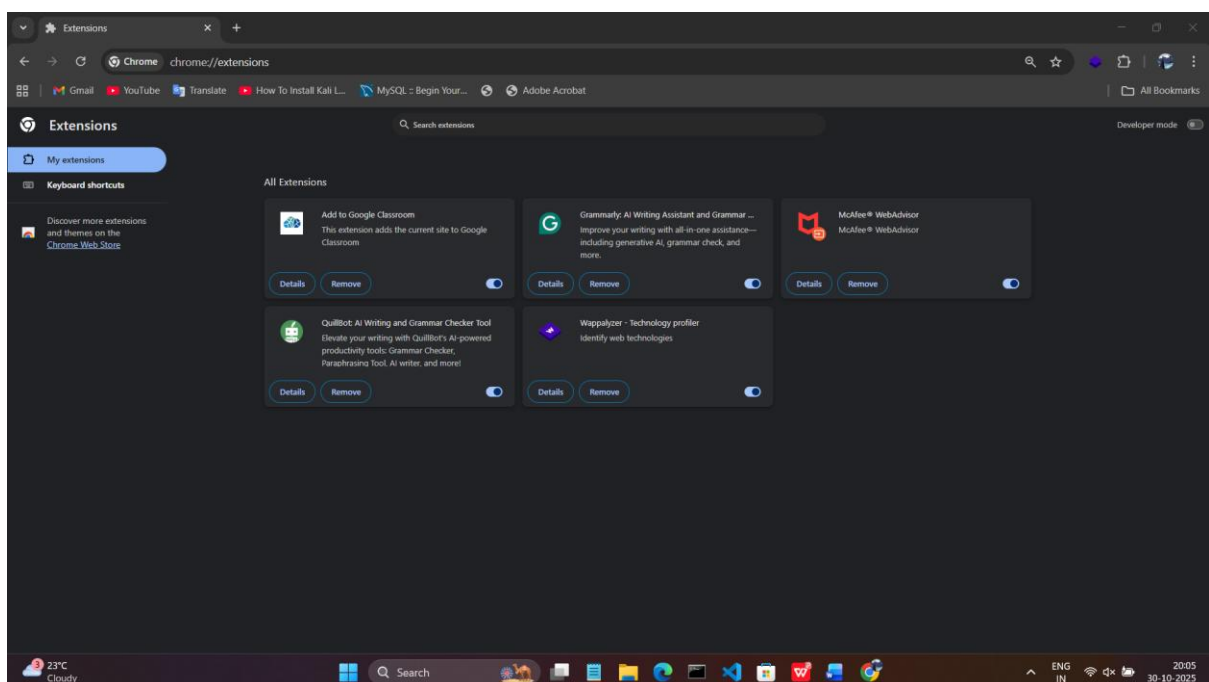
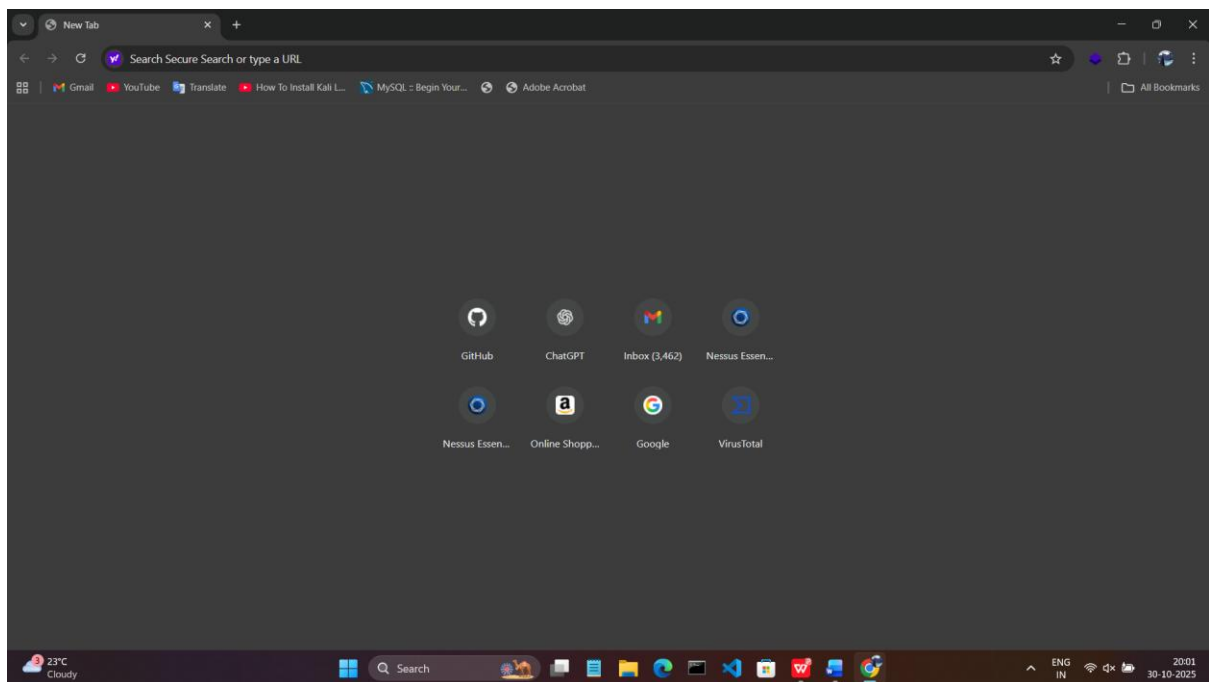
6. **Wappalyzer – Medium Risk (Keep if Needed):**

A legitimate developer tool that identifies technologies used on websites. However, it requests high-level permissions such as reading all website data. It should be kept only if required for development work and disabled otherwise.

6. Remove suspicious or unnecessary extensions.

1. Removing “AnyDoc Translator.”
 - It’s from a third-party and can modify copied data. That’s a privacy risk.
2. Keeping - Check McAfee Web Advisor’s source, Grammarly, Quill Bot, and Add to Classroom, Wappalyzer

7. Restart browser and check performance.



After removing the suspicious extension - **AnyDoc Translator** and reviewing the remaining ones, the browser was restarted to observe any changes in performance and stability.

Post-restart, the browser showed noticeable improvement in responsiveness. Web pages loaded faster, and there were no unexpected pop-ups or background activity. The overall browsing experience felt smoother and more secure.

This step confirmed that removing unverified or unnecessary extensions can positively impact browser performance and reduce potential security risks. Regular monitoring of installed extensions helps maintain both speed and safety.

8. Research how malicious extensions can harm users.

- During research, it was found that malicious browser extensions can pose serious security and privacy threats to users. These extensions often disguise themselves as useful tools but secretly collect sensitive data or interfere with normal browsing activity.
- Some of the key ways in which malicious extensions can harm users include:
 - 1. Data Theft:**
They can access browsing history, saved passwords, cookies, and even clipboard data, leading to unauthorized access or identity theft.
 - 2. Tracking and Privacy Invasion:**
Malicious extensions can continuously monitor a user's online activities and sell the collected data to advertisers or third parties without consent.
 - 3. Ad Injections and Redirects:**
They may insert unwanted advertisements, pop-ups, or redirect users to phishing or infected websites to generate revenue or install more malware.
 - 4. Browser Hijacking:**
Some extensions modify browser settings like the homepage, default search engine, or new tab page, forcing users into unwanted sites.
 - 5. System Slowdown:**
Running in the background, they consume unnecessary resources and cause noticeable lag, making the browser unstable.
- This research highlights the importance of installing extensions only from trusted sources, reviewing permissions carefully, and regularly auditing all browser add-ons to maintain a secure browsing environment.

Conclusion:

After completing the review and removal process, it was observed that not all extensions are equally trustworthy, even if they seem useful. Among the installed extensions, “AnyDoc Translator” was identified as suspicious because it was added by a third party and requested unnecessary permissions such as clipboard access and browsing history. It was immediately removed to prevent data leakage and privacy issues.

The remaining extensions — Add to Google Classroom, Grammarly, Quill Bot, McAfee Web Advisor, and Wappalyzer — were found to be legitimate, with most originating from the official Chrome Web Store. However, McAfee Web Advisor and Wappalyzer were categorized as medium risk because of their high-level permissions and third-party installation.

After removing the unverified extension and restarting the browser, overall performance improved slightly, with faster loading times and smoother tab management. This confirms that removing unnecessary or malicious extensions can enhance both browser performance and user security.

The task provided practical experience in analysing permissions, understanding risks associated with browser extensions, and maintaining a secure browser environment.