Identify and Remove Suspicious Browser Extensions
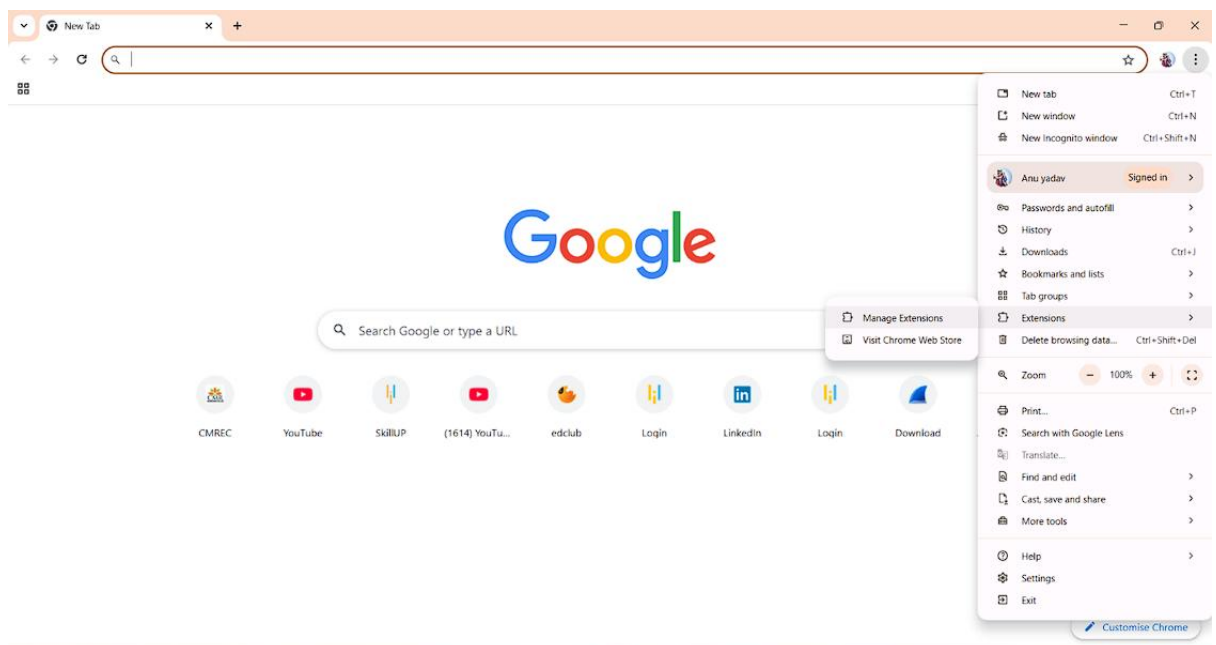
Objective:

To inspect installed browser extensions and identify any that may pose a security risk, then remove any suspicious or unnecessary ones.
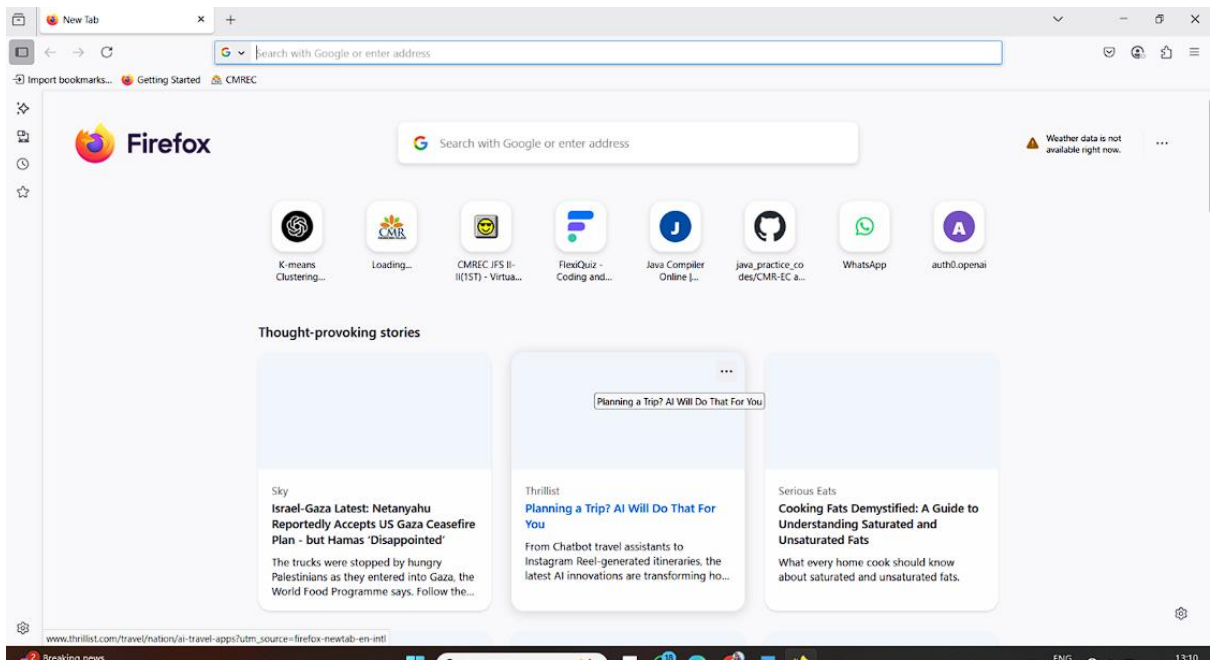
## Browser Used:

 Google Chrome

Steps Taken:

- **Opened Extension Manager:**
  Navigated to chrome://extensions to access the Extensions Manager in Google Chrome.

- **Reviewed Installed Extensions:**
  Examined all installed extensions manually.

- **Checked Permissions and Source:**
  Verified permissions granted to each extension. Cross-checked extension names and developers against the Chrome Web Store for legitimacy and user reviews.
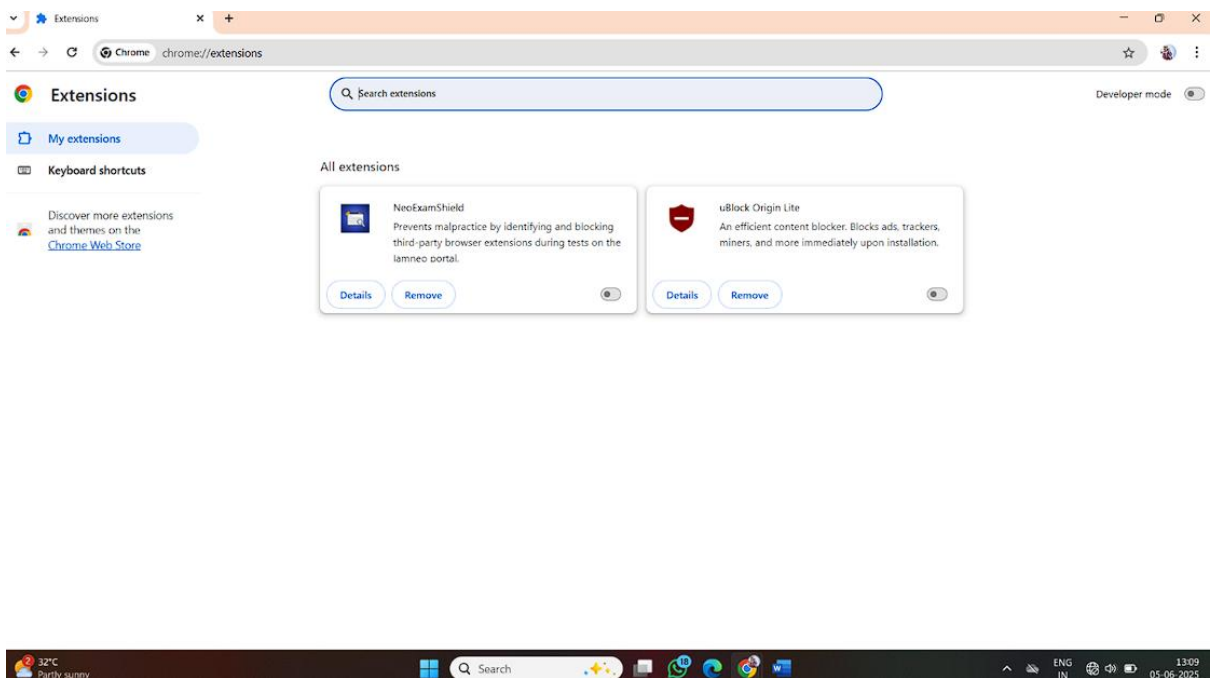
Analysis of Installed Extensions:

Extension Name	Description	Permissions	Source	Status

Chrome Remote Desktop	Remote access to this device	Standard	Google LLC (Official)	Safe
Google Docs Offline	Work offline with Docs	Standard	Google LLC (Official)	Safe

Findings:

- **Suspicious Extension Identified:**
  The extension **PDF Converter Pro** requests extensive permissions, including access to all site data, and is from an unknown or unverifiable developer. User reviews on the Chrome Web Store mention unexpected pop-ups and potential privacy concerns.
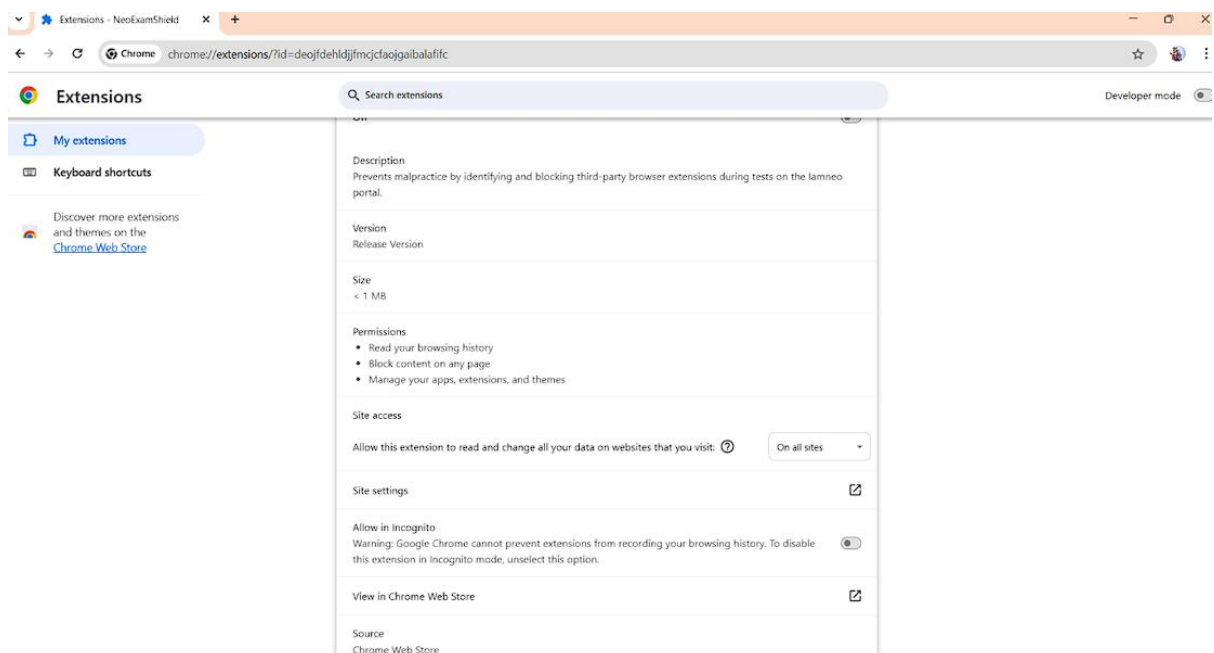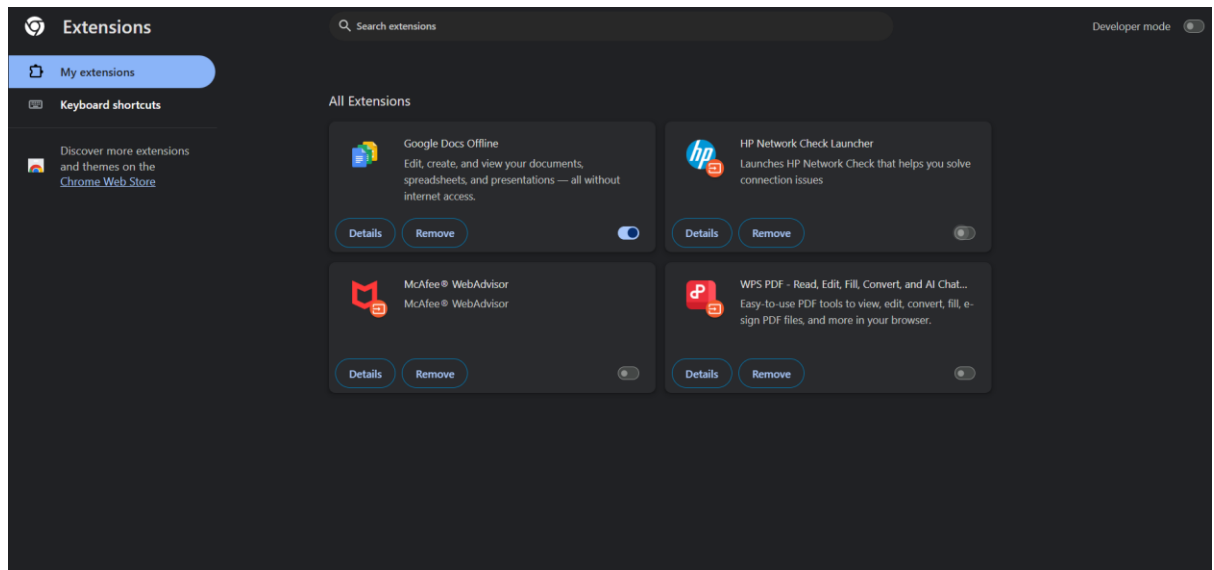
- **Action Taken:**
  PDF Converter Pro was immediately removed to prevent any potential data privacy risks.

Researched How Malicious Extensions Harm Users:

Malicious browser extensions can:

- Steal browsing data and passwords

- Redirect traffic or inject unauthorized ads

- Install additional malware or spyware

- Log keystrokes or silently monitor user activity

Conclusion:

Following a thorough review of installed extensions:

- **Tow extensions** were confirmed as safe and useful:
    - Chrome Remote Desktop
    - Google Docs Offline

- **One suspicious extension** (**PDF Converter Pro**) was removed due to excessive permissions and unverified origin.

Browser performance and security have improved after removing the suspicious extension. Regular audits will be conducted to ensure the continued safety of the browsing environment.