TabCrush Documentation

TabCrush isn't just a new tab—it's a new way to browse. Explore the limitless possibilities of a customizable, feature-rich browsing experience with TabCrush!

I. Introduction

Welcome to TabCrush, the ultimate Chrome extension designed to redefine your browsing experience by transforming your new tab into a powerhouse of productivity and personalization. With a seamless blend of aesthetics, functionality, and innovation, TabCrush offers a wide array of features tailored to meet the diverse needs of users. Whether you're a professional, student, or casual browser, TabCrush ensures that every new tab serves as a gateway to convenience, information, and inspiration.

Overview of TabCrush

TabCrush is a **custom new tab extension** that enhances browsing by integrating powerful tools, customization options, and a visually appealing interface. Its design emphasizes usability and personalization, ensuring a delightful experience every time you open a new tab.

Status of the Extension		
☑ ~~Developed~~	☑ ~~SUBMITTED for testing~~	☐ APPROVED

Unique Features of TabCrush

Multi-Search Engine Query

- Search seamlessly across **5 different search engines** from one convenient location.
- Quickly toggle between search engines for enhanced flexibility.

Detailed Weather Section

- Real-time weather updates tailored to your location.

- Comprehensive details, including temperature, conditions, and forecasts.

Customizable Themes

- **12 unique themes** with stunning background animations.

- Each theme is meticulously designed to stand out with unique styles.

- Options to personalize themes to suit individual preferences.

Social Media Links

- Fully customizable social media shortcuts for quick access to your favourite platforms.

AI Tools Integration

- A collection of cutting-edge **AI tools** that users can configure based on their specific requirements.

Dark Mode and Light Mode

- Available across all themes, providing an adaptable browsing experience.

Gsuite Menu

- Pre-organized links to all Google apps for quick and structured access.

- Streamline your workflow with tools like Gmail, Drive, Calendar, and more.

Crypto Share Market Tracker

- Displays the **top cryptocurrencies** with live price updates using APIs.

- Provides valuable insights into the crypto market at a glance.

Digital Clock and Multi-Time Zone Support

- **The current time** is displayed prominently at the top of the screen.

- Easily switch between different clocks styles.
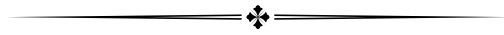
Motivational Quotes

- Rotating collection of **inspiring quotes** to keep you motivated throughout your day.

Target Audience

TabCrush is designed for a broad range of users who value efficiency, organization, and customization:

- **Professionals**: Simplify daily tasks with easy access to tools and real-time information.

- **Students**: Keep track of time, access study resources, and stay inspired with motivational quotes.

- **Crypto Enthusiasts**: Stay updated with the latest cryptocurrency trends and prices.

- **Casual Users**: Personalize your browsing experience with themes, clocks, and AI tools.

- **Design Lovers**: Enjoy a visually stunning interface with unique animations and themes.

Why Choose TabCrush?

All-in-One Solution: Combines essential tools, information, and customization in one place.

Enhanced Productivity: Streamlined access to search engines, Google apps, and AI tools.

Personalized Experience: Themes, clocks, and social media links that cater to your preferences.

Real-Time Updates: Stay informed with live weather and crypto market data.

User-Centric Design: Dark and light modes, motivational quotes, and an intuitive interface.

Installation Guide for TabCrush

This section will guide you through the steps to install **TabCrush**, whether it's through the Chrome Web Store (once published) or manually as a developer/tester.

Installing TabCrush via Chrome Web Store

Once TabCrush is published on the Chrome Web Store, you can follow these simple steps to install it:

1. **Open Chrome Web Store**

   o Navigate to the Chrome Web Store by searching for it on Google or visiting https://chrome.google.com/webstore.

2. **Search for TabCrush**

   o In the search bar, type **"TabCrush"** and press Enter.

3. **Add to Chrome**

   o Locate TabCrush in the search results and click on the **"Add to Chrome"** button.

4. **Confirm Installation**

   o A pop-up will appear asking for permissions. Click **"Add Extension"** to confirm.

5. **Automatic Setup**

   o Once installed, TabCrush will automatically be set as your default new tab.

Manual Installation Guide

For developers and testers, you may need to install TabCrush manually. Follow these detailed steps based on your role:

For Developers

1. **Download or Clone the Repository**

   ○ Obtain the TabCrush source files by downloading them as a ZIP file.

2. **Extract the Files**

   ○ If downloaded as a ZIP file, extract the contents to a convenient location on your system.

3. **Open Chrome Extensions Page**

   ○ Open your Chrome browser and type chrome://extensions in the address bar.

4. **Enable Developer Mode**

   ○ Toggle the **Developer Mode** switch in the top-right corner of the Extensions page.

5. **Load Unpacked Extension**

   ○ Click on the **"Load unpacked"** button.

6. **Select the Extension Folder**

   ○ Browse to the folder where you extracted the TabCrush files and select it.

7. **Verify Installation**

   ○ Ensure the TabCrush extension appears in the list of installed extensions and check for any error messages.

8. **Test the Extension**

   ○ Open a new tab to verify the features and functionalities of TabCrush.

For Testers

1. **Obtain the Files**

   ○ Request the extension files from the developer or download the provided ZIP package.

2. **Extract the Files**

   ○ Extract the ZIP file contents to a designated location on your system.

3. **Access Chrome Extensions Page**

   ○ Open Chrome and type chrome://extensions in the URL bar.

4. **Enable Developer Mode**

   ○ Turn on **Developer Mode** using the toggle switch in the top-right corner of the page.

5. **Load the Extension**

   ○ Click the **"Load unpacked"** button, navigate to the extracted folder, and select it.

6. **Confirm Installation**

   ○ Ensure that the TabCrush extension appears in the list without errors.

7. **Perform Test Cases**

○ Open a new tab and verify functionalities like multi-search engines, weather, themes, and clock switching.

Permissions Required by TabCrush

TabCrush requires the following permissions to function seamlessly:

1. **Location Permission**

   ○ **Purpose**: Used to identify the user's location for displaying accurate weather information.

   ○ **Data Handling**: The location data is securely saved in **localStorage** and is **not collected by the developers**.

   ○ **Privacy Assurance**: No user data is transmitted or shared externally, ensuring privacy and security.

2. **Local Storage**

   ○ **Purpose**: Stores user preferences such as selected themes, clocks, and customizations.

   ○ **Data Handling**: Information is stored locally on the user's browser and is not accessible to the developers.

3. **Internet Access**

   ○ **Purpose**: Required for fetching real-time data, such as weather conditions, cryptocurrency prices, and motivational quotes.

Important Notes for Testers and Developers

- Ensure that the extracted files include the manifest.json file, as it defines the core configuration of the extension.
- Verify the API integrations (e.g., weather and crypto APIs) using network monitoring tools to confirm accurate responses.
- Test the extension in various scenarios (e.g., offline mode, restricted permissions) to ensure robust functionality.

By following these steps, you can seamlessly install and test TabCrush, ensuring its functionalities meet expectations.

❖

Detailed Feature Description of TabCrush

Below is a comprehensive explanation of each feature in TabCrush, a custom new tab extension. These features are designed to enhance user productivity, provide personalization options, and deliver a seamless user

experience.

1. Customizable Logo/Name

Default Setup:

- The **TabCrush logo** is prominently displayed in the top-right corner of the page, providing brand identity.

Customization:

- Users can **replace the logo** with their name for a personal touch.
- **Steps to Customize**:
    1. Click the **"Customize Theme"** button located in the bottom-right corner.
    2. A menu will open, offering several customization options.
    3. Select **"Change Name"** and enter the desired text in the input field.
    4. Click **OK**, and the entered name will replace the default logo.

Technical Design:

- The name is stored in the browser's **localStorage** to persist across sessions and tabs.
- **Benefits**:
    o Even if the browser is closed or the system restarts, the name remains unchanged until the user updates it.

Use Case Example:

A user named "Alex" can replace the TabCrush logo with "Alex's Dashboard," making the extension feel personalized and unique.

2. Standard and Glasmorphism Digital Clock

Default Setup:

- A **standard digital clock** is displayed in the center, showing the user's current system time.

Customization:

- Users can switch to a visually appealing **Glasmorphism-style digital clock**.
- **Steps to Customize**:
    1. Click the **"Customize Theme"** button.
    2. Select the **"Change Watches"** option to switch the clock style.

Features:

- The clock updates dynamically based on the user's time zone.
- The **Glasmorphism clock** features a sleek design with transparent and frosted glass effects, blending well with animated themes.

Technical Design:

- The clock uses **JavaScript's Date object** for real-time updates.
- Style transitions are achieved using CSS animations for smooth switching.

Benefits:

- Provides a modern and aesthetically pleasing way to track time.

3. Random Motivational Quotes Generator

Functionality:

- Displays a random motivational quote along with the author's name below the clock.
- Quotes are refreshed automatically when the user opens a new tab.

Customization:

- Users can't currently add their quotes, but future updates may include this option.

Technical Design:

- The quotes are fetched from a collection of preloaded quotes.
- Quotes are displayed using a JavaScript function that randomly selects an entry from the data source.

Benefits:

- Adds a touch of positivity to the user's day, making the new tab experience uplifting.

4. Multi-Search Engine Bar

Functionality:

- Allows users to perform searches across **five different search engines** (e.g., Google, Bing, DuckDuckGo, Yahoo, Ecosia).
- The **search bar** is located below the clock for easy access.

Customization:

- Users can toggle between search engines using radio options which are placed below to the search bar.

Technical Design:

- The search bar dynamically adjusts the search URL based on the selected engine.
- Example: Searching "weather" on Google appends https://www.google.com/search?q=weather, while Bing uses https://www.bing.com/search?q=weather.

Benefits:

- Eliminates the need to open separate tabs for different search engines, saving time.

5. Dynamic Social Media Links

Functionality:

- Users can add, remove, or reorder social media icons based on their preferences.
- The links are located below the search bar for quick access.

Steps to Customize:

1. Click **"Customize Theme"**.
2. Select **"Add Social Links"**, which opens a submenu.
3. Add the desired social media platforms by clicking the name or + button on the right side of the name
4. The social icon will automatically added to the page.
5. At a time 7 social media platforms can be added not more than 7.

Technical Design:

- Social links are stored in **localStorage**, ensuring persistence.
- CSS flexbox ensures the layout is responsive, and JavaScript handles the dynamic addition/removal of icons.

Benefits:

- Provides a clutter-free way to access frequently used platforms.

6. Light/Dark Mode Toggle

Functionality:

- A toggle switch located in the top-right corner enables users to switch between **Light Mode** and **Dark Mode**.

Features:

- **Light Mode**: Offers a bright, clean interface with the theme which is applied by user.
- **Dark Mode**: Reduces eye strain, especially during nighttime use. but it has background animations of the theme that is applied.

Technical Design:

- CSS custom properties (variables) are used for colours, making the theme transition seamless.
- The user's choice is stored in **localStorage**.

Benefits:

- Enhances visual comfort and supports user preferences.

7. Cryptocurrency Market Dashboard

Functionality:

- A crypto market icon opens a dashboard popup showing the **current cryptocurrency market trends**.
- Displays:
  - Top-performing cryptocurrencies.
  - Real-time price updates fetched from an API.

Customization:

- Users can't currently customize this feature but can suggest enhancements in future updates.

Technical Design:

- Data is fetched using APIs like **CoinGecko** or **CoinMarketCap**.
- Updates are displayed using JavaScript and styled using CSS grids for a clear layout.

8. GSuite Menu Toggle

Functionality:

- Displays a structured menu of **Google Apps** (e.g., Gmail, Drive, Calendar).
- Users can access these apps directly without leaving the tab.

Customization:

- Toggle the menu on/off from the **"Customize Theme"** menu.

Technical Design:

- Uses a collapsible menu designed with CSS animations and JavaScript for toggling visibility.

Benefits:

- Saves time by providing quick access to essential Google tools.

9. Detailed Weather Widget

Default Display:

- Shows basic weather information:
  - Location, current temperature, weather description, rain forecast, sunrise/sunset times, and a 4-day forecast.

Detailed Weather Mode:

- If enabled:
  - Displays additional metrics like humidity, wind speed, wind direction, and atmospheric pressure.
  - Replaces the 4-day forecast with an **hourly forecast**.

Technical Design:

- Data is fetched via weather APIs like **OpenWeatherMap**.
- Updates dynamically based on the user's location, fetched using **geolocation APIs**.

10. Customization Menu

The **Customization Menu** is a central hub where users can modify and personalize their **TabCrush** experience. It is thoughtfully designed to offer flexibility while maintaining simplicity..

Structure and Layout

The menu opens as a **modal or side panel** with the following options arranged sequentially for user convenience:

- **Change Name (with Input)**
- **Show AI Tools (Toggle Button)**
- **Add Tools**
- **Show Google Apps (Toggle Button)**
- **Add Social Links**
- **Change Backgrounds**
- **Change Watches**
- **Detailed Weather (Toggle Button)**

Each option is interactive and saves user preferences automatically using **localStorage**, ensuring changes persist across sessions and tabs.

a. Change Name (with Input)

Functionality:

- Users can personalize their page by replacing the TabCrush logo with a custom name.

Steps:

1. Click **Change Name**.
2. Enter the desired text in the input field.
3. Press **OK** or hit Enter to apply the change.

Technical Details:

- Uses an <input> element to capture user input.
- The entered name is stored in **localStorage**, ensuring the change is reflected across all tabs.

Validation:

- The input field restricts special characters to avoid layout issues.
- A character limit (e.g., 20 characters) ensures proper alignment.

b. Show AI Tools (Toggle Button)

Functionality:

- A toggle switch to enable or disable the display of AI tools on the page.
- Default: **ON**

Steps:

1. Toggle the switch to **OFF** to hide the AI tools section.
2. Toggle back to **ON** to display them again.

Technical Details:

- The toggle state is stored in **localStorage**.
- JavaScript dynamically updates the DOM to show/hide the AI tools section.

c. Add Tools

Functionality:

- Allows users to add up to **five AI tools** of their choice.
- Clicking **Add Tools** opens a **submenu** with a list of available AI tools.

Steps:

1. Click **Add Tools**.
2. A submenu appears, displaying all listed AI tools (e.g., ChatGPT, DALL·E, MidJourney, Bard, Jasper).
3. Click the name of an AI tool to add it to the page.
   - If the limit of 5 tools is reached, a **popup message** alerts the user:
     "You can only add up to 5 tools."
4. Once added, the tool appears in the designated AI tools section.

Technical Details:

- The list is implemented using a **scrollable menu** for compactness.
- Each added tool is stored in **localStorage** for persistence.
- JavaScript ensures no duplicate entries and enforces the 5-tool limit.

d. Show Google Apps (Toggle Button)

Functionality:

- A toggle switch to display or hide the **Google Apps** section.
- Default: **ON**

Steps:

1. Toggle the switch to **OFF** to hide the Google Apps menu.
2. Toggle back to **ON** to display the menu.

Technical Details:

- Similar to the AI Tools toggle, the state is stored in **localStorage**.
- JavaScript dynamically renders or removes the Google Apps menu.

e. Add Social Links

Functionality:

- Users can add social media links like Facebook, Instagram, Twitter, and LinkedIn.
- Clicking **Add Social Links** opens a submenu with a list of popular platforms.

Steps:

1. Click **Add Social Links**.
2. A submenu appears with clickable names of social media platforms.
3. Click a platform name to add its icon and link to the page.

Features:

- Users can add multiple links.
- The links appear in the designated social media section.
- Icons are styled with **hover effects** for interactivity.

Technical Details:

- Similar to AI tools, the links and icons are stored in **localStorage**.
- JavaScript handles dynamic DOM updates for each added link.

f. Change Backgrounds

Functionality:

- Allows users to change the page background to suit their mood or preference.
- Offers **12 preloaded background options**.

Steps:

1. Click **Change Backgrounds**.
2. A grid or carousel displays the 12 options.
3. Click on a background to apply it.
4. The selected background is saved and applied across all tabs.

Features:

- Includes themes like **nature, abstract art, vibrant neon, and particle flow**.
- A **"Default"** theme restores the original background.

Technical Details:

- Background settings are applied using **CSS classes**.
- User selections are stored in **localStorage** for session persistence.

g. Change Watches

Functionality:

- Users can switch between a **Standard Digital Clock** and a **Glasmorphism Clock**.

Steps:

1. Click **Change Watches**.
2. The page dynamically updates to display the selected clock style.

Technical Details:

- The clock is updated using **JavaScript Date objects**.
- CSS transitions create a seamless switch between styles.

h. Detailed Weather (Toggle Button)

Functionality:

- Users can toggle between **basic weather** and **detailed weather** information.
- Default: **OFF**

Detailed Weather Includes:

- Humidity, wind speed, wind direction, pressure, and hourly forecasts.

Steps:

1. Toggle the switch to **ON** to display detailed weather.
2. Toggle back to **OFF** to revert to basic weather.

Technical Details:

- Data is fetched via APIs like **OpenWeatherMap**.
- JavaScript dynamically updates the weather widget layout.

11. AI Tools

Functionality:

- Preloaded with 5 default AI tools.
- Users can add/remove tools via the **"Customize Theme"** menu.
- A maximum of **5 tools** can be displayed at a time.

Technical Design:

- Tools are added dynamically using JavaScript.

TabCrush User Guide: How to Use TabCrush Effectively

Welcome to **TabCrush**, a powerful browser extension designed to enhance your productivity and browsing experience by offering customizable features, integrated tools, and an elegant design. This guide walks you through using TabCrush effectively, covering all its key features, step-by-step workflows, and practical use cases.

Practical Use Cases

Scenario 1: Boosting Productivity

- **Situation**: A student preparing for exams wants to minimize distractions.
- **Solution**:
  - Add AI tools like ChatGPT for quick explanations.
  - Toggle off Google Apps and Social Links to reduce unnecessary browsing.
  - Set a calming theme background.

Scenario 2: Managing a Professional Workday

- **Situation**: A freelancer managing multiple clients' projects.

- **Solution**:
    - Add social links for LinkedIn and Twitter.
    - Enable Google Apps for Gmail
    - Use detailed weather to plan outdoor meetings.

Scenario 3: Personalizing for Creativity

- **Situation**: An artist wants a visually inspiring workspace.
- **Solution**:
    - Add AI tools like DALL·E and MidJourney.
    - Set a vibrant abstract background.
    - Switch to the Glasmorphism Clock.

Troubleshooting Tips

1. **Preferences Not Saving**:
    - Ensure browser permissions allow local storage.
    - Restart the browser to refresh the settings.
2. **Weather Not Displaying**:
    - Check internet connectivity.
    - Ensure location access is granted to TabCrush.
    - Disable and Enable the extension again.
3. **Tool Limit Reached**:
    - Remove an existing tool to add a new one.

Troubleshooting Guide for TabCrush

Common Issues and Solutions

1. Changes Not Persisting Across Tabs

Issue: Customizations such as name, background, or added tools reset when switching tabs or restarting the browser.

Cause: Local storage settings might not be saving properly, or the browser's local storage is cleared automatically.

Solution:

- Ensure that local storage is enabled in your browser settings.

- Check if browser extensions or settings are configured to clear local data on exit.
- Reapply your changes and test again.

2. Weather Widget Not Loading

Issue: Weather data does not appear or shows an error.

Cause: Location permission may be disabled, or there might be an issue with the weather API.

Solution:

- Ensure location permissions are enabled for TabCrush in your browser.
- Refresh the page and check your internet connection.
- If the issue persists, toggle the weather widget OFF and ON from the **Customization Menu**.

3. AI Tools Not Adding or Displaying

Issue: User cannot add AI tools or the tools do not display after selection.

Cause: Maximum limit of 5 tools might have been reached, or the local storage is not functioning correctly.

Solution:

- Ensure the maximum number of 5 tools has not been exceeded. Remove a tool if needed.
- If the issue persists, refresh the browser and try again.

4. Dark Mode Toggle Not Working

Issue: The theme does not switch between light and dark mode.

Cause: JavaScript might be blocked or the toggle function may have encountered an error.

Solution:

- Disable and re-enable the dark mode toggle.
- Clear the browser cache and reload TabCrush.
- Check the browser's JavaScript settings and ensure scripts are allowed.

5. Crypto Market Dashboard Not Loading

Issue: The dashboard fails to fetch current market data.

Cause: API connectivity issues or network restrictions.

Solution:

- Verify your internet connection.
- Refresh the browser and click the crypto icon again.
- Check the browser console (F12 > Console) for error messages and report them if needed.

❖

FAQs (Frequently Asked Questions)

1. What browsers support TabCrush?

TabCrush is compatible with Chrome and Chromium-based browsers (e.g., Microsoft Edge, Brave).

2. How can I add or remove social media links?

- Go to the **Customization Menu**.
- Click **Add Social Links** to open the submenu.
- Select or deselect links to add or remove them.

3. Can I use TabCrush on multiple devices?

Currently, TabCrush customizations are stored locally, so they will not sync across devices. You will need to configure the settings separately on each device.

4. Why does TabCrush request location permissions?

Location permissions are required to fetch accurate weather data for your region. All data is stored locally and is not shared with developers.

5. Why is there a limit of 5 AI tools?

This limit is set to maintain a clean and responsive user interface. Adding more tools could clutter the dashboard.

6. What should I do if I encounter an error?

Refer to the troubleshooting section above or contact support for assistance.

How to Contact Support or Report Bugs

Contacting Support

- **Email**: support@tabcrush.com   (Email Not Created we'll create this soon..)
- **Support Page**: Visit the official TabCrush Support Page.   (Page not available for now..)

Provide the following details when contacting support:

- Browser and version (e.g., Chrome 117).
- Detailed description of the issue.
- Screenshots or error logs (if applicable).

❖

Privacy and Security

Data Collection Policy

TabCrush has been designed with user privacy as a top priority. The extension does not collect, store, or share any personal data with third parties. Here's a detailed overview:

- **Local Storage**: All customizations and settings, such as user-defined names, selected backgrounds, AI tools, and social media links, are stored locally on the user's device. No data is transmitted to external servers.
- **Weather Data**: Location data is used solely to provide accurate weather updates via an API. This information is stored in local storage and is not accessible to developers or external services.
- **Crypto Market Information**: Data for the crypto market dashboard is fetched from a public API and does not require any user-specific input or data collection.

How User Data is Handled

- **Name Changes**: When users replace the TabCrush logo with their custom name, the input is saved in local storage. This ensures the name persists across tabs and sessions but remains confined to the user's browser.
- **Social Media Links**: Dynamically added or removed social links are saved locally and are not shared with developers.
- **Theme Customization**: Selected themes and watch styles are stored locally and synced across tabs for consistency but are not transmitted externally.
- **Location for Weather**: The extension requests location access to provide weather updates. This data is processed locally and used only to fetch weather information from the API.

Permissions Explanation

TabCrush requests the following permissions to function effectively:

1. **Location Permission**
   - **Purpose**: Determines the user's current location to fetch weather data.
   - **Scope**: Accesses approximate location (latitude and longitude) but does not retain or transmit the data.
   - **Security Note**: Users can manually revoke location permissions in their browser settings without affecting other features.
2. **Storage Permission**

- ○ **Purpose**: Saves user preferences, such as custom themes, added AI tools, and social links.
- ○ **Scope**: Uses the browser's local storage to maintain data consistency across sessions.

3. **Internet Access**

   - ○ **Purpose**: Required to fetch data from APIs, such as weather forecasts, crypto market information.
   - ○ **Scope**: Connects only to specified APIs; no user data is transmitted during these requests.

4. **Browser Tabs Access** (if applicable in future features)

   - ○ **Purpose**: To integrate seamlessly with new tabs, ensuring TabCrush is the default view.
   - ○ **Scope**: This permission does not monitor or track user browsing behavior.

Developer Notes

Technical Aspects for Developers

TabCrush is built with scalability and customization in mind. Below is a breakdown of the technical architecture and tools used:

1. **Languages and Frameworks**

   - ○ **HTML5, CSS3, and JavaScript**: Core structure and interactivity.
   - ○ **Vanilla JavaScript**: For lightweight performance and modular development.
   - ○ **CSS Animations**: Used for dynamic backgrounds and theme effects.

2. **Key Features and Implementations**

   - ○ **Local Storage API**: Persists user settings such as themes, social links, and tool preferences.
   - ○ **Weather API Integration**: Fetches accurate weather data based on user location.
   - ○ **Crypto API Integration**: Displays real-time cryptocurrency information with dashboard popups.
   - ○ **Dynamic Theme Management**: Allows users to toggle between 12 prebuilt themes and supports custom additions.

3. **APIs and Libraries Used**

   - ○ **OpenWeatherMap API**: Provides detailed weather data, including current conditions and forecasts.
   - ○ **CoinGecko/CoinMarketCap API**: Fetches live cryptocurrency data for the dashboard.
   - ○ **FontAwesome Icons**: Implements customizable social media and other interactive icons.

4. **Extension Manifest**

   - ○ TabCrush uses **Manifest v3**, the latest Chrome extension framework, ensuring enhanced security and performance.
   - ○ Key entries in the manifest include permissions for storage, location, and internet access.