

Team 22 - Logger

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Test Case 1: Attempt to Open Extension

Severity: 1

Instructions

1. Open Chrome browser.
2. Click on Logger

Result

1. Logger dialogue box should display.

Test Case 2: Log Time Spent On Website

Severity: 1

Instructions

1. Navigate to website with Logger extension installed in browser. Record time spent on website.
2. Close the chosen website.
3. Open Logger and navigate to section displaying time logged.

Result

1. Logger should show times spent on each website logged

Test Case 3: Log Data Usage From Website

Severity: 1

Instructions

1. Navigate to <http://info.cern.ch/> with Logger extension installed in browser.
2. Wait for webpage to completely load
3. Close website
4. Open Logger and navigate to section displaying data usage by google.com

Result

1. Logger should show a predetermined amount of data usage

Test Case 4: Display Graphs From Data**Severity: 3****Instructions**

1. Create a dummy user with fake data to visualize
2. Open Logger data display page

Result

1. Graphs should be displayed correctly

Test Case 5: Filter Websites Logged**Severity: 2****Instructions**

1. Open Logger preferences page.
2. Click 'Blacklist Websites'.
3. Type in a website's URL.
4. Navigate to the website whose URL was used in Step 3
5. Close webpage.
6. Open Logger and navigate to section displaying time logged.

Result

1. No data should be logged in Logger for the site blacklisted in Step 3.

Test Case 6: Filter What is Logged Universally**Severity: 2****Instructions**

1. Open Logger preferences page
2. Click 'Logging Preferences'.

3. Click on desired changes to what is logged.
4. Click 'Apply' button
5. Navigate to desired websites.
6. Close website
7. Open Logger and navigate to section displaying logged data.

Result

1. Data display page should only show collected data specified in Step 3.

Test Case 7: Modify What is Logged Specifically

Severity: 3**Instructions**

1. Open Logger preferences page.
2. Click 'Logging Preferences'.
3. Enter a specific website's URL.
4. Select characteristics to be logged for that website.
5. Click 'Apply' button
6. Navigate to website that was not entered in Step 3
7. Navigate to website that was entered in Step 3
8. Close website
9. Open Logger and navigate to section displaying logged data

Result

1. On data display, user should see that different websites are displaying different data as specified in Step 4

Test Case 8: Log the Total Number of Visits for each Website

Severity: 1

Instructions

1. Open Logger and navigate to section displaying the number of visits. Saving the current count.
2. Navigate to website with Logger extension installed in browser. Increment number of visits counter for website.
3. Close the chosen website.
4. Open Logger and navigate to section displaying the number of visits.

Result

1. Logger should show number of visits on each website logged, with the correct new count of visits displayed.

Test Case 9: Manually Edit the Category of the Site

Severity: 3

Instructions

1. Open Logger preferences page.
2. Click 'Logging Preferences'.
3. Enter a specific website's URL.
4. Select 'Edit Category'.
5. Select desired category from selections.
6. Click 'Apply'.
7. Navigate to specified website
8. Close website
9. Open Logger data display page

Result

1. On data display page, user should notice that website specified appears under the category specified in Step 5.

Test Case 10: Tracking Relations Between Websites

Severity: 2

Instructions

1. Create fresh user (no previous data entries for Logger)
2. Navigate to a website with Logger extension installed.
3. Navigate to a different website
4. Close Website
5. Open Logger and navigate to section displaying relational data

Result

1. New relationship between two websites should be displayed

Test Case 11: Linking Your Social Media Account

Severity: 2

Instructions

1. On the account creation screen, click Log In With Facebook
2. On the account creation screen, click Log In With Google

Result

1. Two new user accounts should be successfully created.

Test Case 12: Display Directed Graphs from Network Paths Data

Severity: 3

Instructions

1. Navigate to website with Logger extension installed in browser.
2. Navigate to another website from the initial website.
3. Open Logger data display page.

Result

1. Directed graphs should correctly visualize the websites visited in Steps 1 and 2 in the correct order.

Test Case 13: Display a Category for each Website**Severity: 3****Instructions**

1. Navigate to website with Logger extension installed in browser.
2. Close the chosen website.
3. Open Logger and navigate to the section displaying the category of websites visited.

Result

1. Categories of websites visited should be displayed correctly.

Test Case 14: Send a Notification when Time Spent on a Website Exceeds Time Limit**Severity: 2****Instructions**

1. Make sure desktop notifications are turned on.
2. Navigate to website with Logger extension installed in browser.
3. Stay on the website until specified time limit is exceeded.

Result

1. Notification about time limit being exceeded should be displayed.

Test Case 15: Log Browser Usage Across all Devices**Severity: 2****Instructions**

1. Install Logger on two different devices and log in with a dummy user.
2. Navigate to a website on one device.

3. Navigate to the same website on another device.
4. Navigate to Data, Websites within Logger

Result

1. The total number of website visits for the website should be the sum of the visits from both devices.

Test Case 16: Send a Warning when Website is Visited During Blackout Periods

Severity: 3

Instructions

1. Make sure desktop notifications are turned on.
2. Set up a blackout period in Logger settings.
3. Navigate to website with Logger extension installed in browser during a blackout period.

Result

1. Warning message should be displayed correctly.

Test Case 17: Generate a Sortable List of Websites Browsed

Severity: 3

Instructions

1. Create a dummy user.
2. Navigate to websites with Logger extension installed.
3. Navigate to Data, Websites within the Logger extension
4. Click on the column headings for the list

Result

1. A website list should be generated with correct data.
2. When a column heading is clicked, the list should be sorted in ascending order by that column.
3. When the same column heading is clicked again, the list should be sorted in descending order by that column.

Test Case 18: Display Graphs from Daily, Weekly, and Monthly Usage Data

Severity: 3

Instructions

1. Create a dummy user with fake data to visualize.
2. Open Logger data display page.

Result

1. Graphs should be displayed correctly.

Test Case 19: Generate Chronological List of Websites

Severity: 2

Instructions

1. Navigate to websites with Logger extension installed in browser.
2. Navigate to Data, Timeline View within Logger.

Result

1. A list will be generated displaying websites visited in chronological order.

Test Case 20: Display Most Visited Websites List

Severity: 2

Instructions

1. Create various dummy users.
2. Browse websites using all dummy users.

3. Navigate to Data, Popular Websites within Logger

Result

1. The listed page visits for each website should be the sum of all users page visits for that website.
2. The list should be sorted in descending order of page visits.

Test Case 21: Export Data Logged

Severity: 3

Instructions

1. Navigate to websites with Logger extension installed in browser.
2. Navigate to Preferences, Export Data within Logger.
3. Select the desired file type.
4. Logger will generate a copy of your logged data locally.

Result

1. A file will be saved to your local machine containing all logged data in the file format of your selection.