**Prompt:**

Write test-cases for the google homepage, ordered by priority, and organized by page element

**Answer:**

Here are some test cases for the Google homepage, ordered by priority and organized by page element:

[These are not prioritzed. They are not organized by element and contain the same stupid, wrong ideas as the previous attempts]

**Search Box:**

1. Verify that the search box is clickable and the cursor is focused on it.
2. Verify that the user is able to enter text in the search box, including alphabet, numeric, and special characters.
3. Verify that the "Google Search" button is disabled when the search box is empty.
4. Verify that the "Google Search" button is enabled when the user enters text in the search box.
5. Verify that the "Google Search" button is disabled when the user enters invalid characters in the search box.
6. Verify that the "Google Search" button is disabled when the user enters more than the maximum allowed characters in the search box.
7. Verify that the "Google Search" button is disabled when the user enters a keyword that is too short to be searched.
8. Verify that the "Google Search" button is disabled when the user enters a keyword that is too long to be searched.
9. Verify that the "Google Search" button is disabled when the user enters a keyword that contains only stop words.
10. Verify that the "Google Search" button is disabled when the user enters a keyword that is a common misspelling.
11. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known spam keyword.
12. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known malware keyword.
13. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known phishing keyword.
14. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known adult content keyword.
15. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known hate speech keyword.

**Google Search Button:**

1. Verify that the "Google Search" button is clickable and performs a search when clicked.
2. Verify that the "Google Search" button is disabled when the search box is empty.
3. Verify that the "Google Search" button is disabled when the user enters invalid characters in the search box.
4. Verify that the "Google Search" button is disabled when the user enters more than the maximum allowed characters in the search box.
5. Verify that the "Google Search" button is disabled when the user enters a keyword that is too short to be searched.
6. Verify that the "Google Search" button is disabled when the user enters a keyword that is too long to be searched.
7. Verify that the "Google Search" button is disabled when the user enters a keyword that contains only stop words.
8. Verify that the "Google Search" button is disabled when the user enters a keyword that is a common misspelling.
9. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known spam keyword.
10. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known malware keyword.
11. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known phishing keyword.
12. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known adult content keyword.
13. Verify that the "Google Search" button is disabled when the user enters a keyword that is a known hate speech keyword.

**Google Logo:**

1. Verify that the Google logo is displayed at the top of the page.
2. Verify that the Google logo is clickable and redirects the user to the Google homepage.

**Google Doodle:**

1. Verify that the Google Doodle (if present) is clickable and redirects the user to the relevant search results page.

**Other Elements:**

1. Verify that the "I'm Feeling Lucky" button is clickable and takes the user to the top search result page.
2. Verify that the search results are relevant to the entered keyword and contain links to the respective web pages.
3. Verify that the search results are sorted by relevancy in descending order, with the most relevant result for the keyword displayed on top.
4. Verify that the response for a multi-word keyword is correct.
5. Verify that the total number of results fetched for a keyword is displayed.
6. Verify that pagination is present when the number of results is more than the limit on a single page, and the user can navigate to subsequent pages' results.
7. Verify that Google's advanced search options, such as searching within a website or searching for files of a specific extension, are working correctly.
8. Verify that the search response is localized, meaning the response is more relevant to the country/area from which the search request is initiated.
9. Verify that Google calculator service is working correctly, and the correct result is displayed for any arithmetic request.

Note that this is not an exhaustive list of test cases, and additional test cases may be required based on the specific requirements of the project. The priority of the test cases may vary depending on the project's needs.