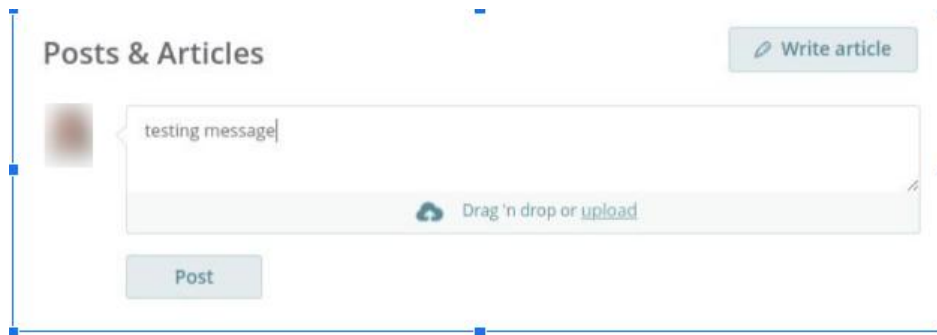


# Senior Quality Engineer - Pre-interview Assessment

## Must do 1: Test Cases Design

Document any possible test cases that you would perform in order to test the following form embedded in a website. Include testing about functionality, security, performance, etc.



## Must do 2: Test strategy

Imagine you join a team that will do a testing for google platform, how will you start to do the test plan, how to perform your testing, how will you delivery your test result. Try to design the overall test strategy if you are the owner of the google testing.

## Optional: Test Script Development

1. Write an automated test script to verify the login functionality of a web application. The test script should:
  - Open the web application in a browser.
  - Enter valid credentials (username and password) and submit the login form.
  - Verify that the user is successfully logged in by checking for a specific element or page title.

The Login Page: <https://practicetestautomation.com/practice-test-login>

2. Using <https://restful-api.dev/> or any free api implement the following requests and any assertions you see fit:
  - Create a new object and store the **id** from the response body in a variable
  - Update the **name** property of the previously created object using the id variable
  - Delete the object

**Please include a link to GitHub for any code-based answers**

**Optional: Issue Analysis**

We noticed that the system's performance has been lagging. What steps can we take to diagnose the issue and identify potential optimization strategies?

**Optional: Test Case Representation**

Select a system that you have tested in the past. Describe the testing steps you followed, referencing the system's architecture as part of your explanation.