

Test Case Scenario Report: Login Automation

Test Case ID	TC LOGIN 001
Title	Verify successful login on The-Internet demo site
Objective	Confirm that a user can log in with valid credentials and see a success message.
Preconditions	1. ChromeDriver installed and in PATH 2. Python & Selenium installed 3. Internet connection available
Test Data	Username: tomsmith Password: SuperSecretPassword!
Environment	macOS (Zsh), Chrome browser, Selenium WebDriver

Test Steps

- Launch Chrome via Selenium WebDriver
- Navigate to `https://the-internet.herokuapp.com/login`
- Wait for the “Username” field to appear (up to 10 s)
- Locate the “Username” input by ID `username`
- Locate the “Password” input by ID `password`
- Enter `tomsmith` into the username field
- Enter `SuperSecretPassword!` into the password field
- Locate and click the Submit button (`button[type='submit']`)
- Wait for the success banner (`.flash.success`) to appear (up to 10 s)
- Print the banner text to the console
- Pause for user inspection (script waits for Enter)
- Close the browser and end session

Expected Result

After step 8, the page should transition to a secure area. A green banner with text “You logged into a secure area!” should be visible. The console should print that exact message. Browser remains open until the user presses Enter, then closes cleanly.

Actual Result

Chrome opened and navigated to the login page. Credentials were entered automatically. After clicking “Login,” a green success banner appeared reading “You logged into a secure area!” Console output matched the banner text. Script paused for inspection; upon pressing Enter, browser closed without errors.

Status

Pass

Notes & Recommendations

- Enhancement: Parameterize credentials to test invalid or locked-out users.
- Add'l Check: Verify that the Logout button appears or that the URL changes to `/secure`.
- Error Handling: Add catch-blocks for `TimeoutException` to report when elements never appear.
- Reporting: Integrate into a test framework (e.g., pytest) and generate HTML reports for multiple test cases.