

What is Need

1. **Firefox**
2. **Selenium IDE Extension** installed:

Firefox: [Install Here](#)

Step-by-Step Guide Using Selenium IDE

STEP 1: Install Selenium IDE

1. Open your browser.
2. Go to the extension link and click **Add to Chrome** or **Add to Firefox**.
3. Once installed, click the **Selenium IDE icon** in your toolbar.

STEP 2: Create a New Project and Test Case

1. Open Selenium IDE → Click **“Create a new project”**
 - Name it: Login Test
2. Click **“Create a new test case”**
 - Name it: Valid and Invalid Login

STEP 3: Record the Test

1. Click the **red record button** (circle icon).
2. When prompted, enter your **test website URL**, e.g.:
https://example.com/login
(Or use a test site like <https://practicetestautomation.com/practice-test-login/>)
3. Selenium will open a new tab. Now perform:

A. Valid Login Flow

- Type student into the username field

- Type Password123 into the password field
- Click **Login**
- Assert that dashboard or success text appears (e.g., “Logged In Successfully”)
- Click **Logout** if needed

B. Invalid Login Flow

- Enter wronguser and wrongpass
 - Click **Login**
 - Verify that an error message appears
4. Stop recording (go back to Selenium IDE and click **Stop**).

STEP 4: Add Assertions (if not auto-added)

If needed, right-click on elements during the recording and choose “**Assert text is...**” or “**Verify element is present**” to ensure results are validated.

STEP 5: Run the Test

1. Click the green **Play Current Test** button.
2. The test will execute in a new browser window/tab.
3. After completion, you’ll see:
 - Step-by-step result (pass/fail)
 - Console logs at the bottom

STEP 6: Capture Results Screenshot

- Take a screenshot of the **Test Log panel** in Selenium IDE after execution.
 - Windows: Win + Shift + S
 - Mac: Command + Shift + 4

Optional AI Plugin for Selenium IDE

Selenium IDE supports “**Self-Healing Mode**” via:

- [Applitools Eyes AI Plugin](#)
- Add it to Selenium IDE for:
 - Visual AI comparisons
 - Resilient test selectors that adapt to UI changes

Summary – Selenium IDE with AI


We used Selenium IDE to automate a login test with both valid and invalid credentials. The recorded test steps included entering usernames and passwords, verifying successful logins, and handling error messages. Selenium IDE allowed us to visually record the flow and run the test without writing code.

For AI enhancement, tools like the Applitools Eyes plugin integrate with Selenium IDE to enable **self-healing locators** and **visual AI validation**, reducing test flakiness due to UI changes. This significantly improves test coverage by automatically adjusting to new or moved elements.

Our test results showed accurate pass/fail states for each step, and we validated both successful and failed login scenarios. Compared to manual testing, this automation is repeatable, faster, and scalable — especially when combined with AI for robust maintenance and intelligent validation.

Recruitment Portal

recruitment.amurtafrica.org/account



AMURT
AMANDA WANGA
UNIVERSAL RELIEF
TEAM

Email

Password

☐ Remember me [Forgot password?](#)

Sign In

Don't have an account? [Sign up](#)

Extension: (Selenium IDE) - Selenium IDE - PLP assignment — Mozilla Firefox

Project: PLP assignment

Tests

Search tests...

https://recruitment.amurtafrica.org

	Command	Target	Value
✓ valid & invalid login			
1	✓ open	/account/login	
2	✓ set window size	622x680	
3	✓ click	id=email1	
4	✓ type	id=email1	doreenmongna@gmail.com

Command

Target

Value

Description

Log

Reference

12. type on id=email1 with value doreenmongna@gmail.com OK

10:02:45

13. click on css=p-password-input OK

10:02:46

14. type on css=p-password-input with value asjsdfjegjfdhif OK

10:02:46

15. click on css=p-button-label OK

10:02:46

16. click on css=p-button-label OK

10:02:47

'valid & invalid login' completed successfully

10:02:47