

Automated Testing with AI

Using Selenium IDE, we created two test cases to verify login functionality on a sample web app, one for valid credentials and one for invalid. Selenium IDE's record-and-playback interface allowed us to automate tests without writing code, capturing DOM interactions with clicks, input values, and result messages.


The valid login test correctly authenticated the user and redirected to the secure area. The invalid login test confirmed the presence of an error message. Test execution was visual, and each step was verifiable through the IDE interface.


Although Selenium IDE does not use advanced AI directly, it improves coverage by allowing easy test recording and repetition. Its self-maintained selectors and visual flow reduce manual effort and improve accuracy, especially for regression testing.

For more intelligent behaviour like auto-healing, Selenium can be extended with AI plugins or paired with frameworks like Testim or TestSigma.

Project: Invalid Login Test




Save project Ctrl+S





Executing ▾

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✓ Invalid Login Test

https://the-internet.herokuapp.com ▾



Command	Target	Value

Command

//



Target



Value


Description

Runs: 1

Failures: 0

Log

Reference



Running 'Invalid Login Test'

15:53:58

'Invalid Login Test' completed successfully

15:53:59