GUI Testing on

COURSE GAME

DA-IICT

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For DA-IICT

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Introducing Selenium

Selenium is a robust set of tools that supports rapid development of test automation for web-based applications. Selenium provides a rich set of testing functions specifically geared to the needs of testing of a web application. These operations are highly flexible, allowing many options for locating UI elements and comparing expected test results against actual application behaviour. One of Selenium's key features is the support for executing one's tests on multiple browser platforms.

Selenium-IDE

Selenium-IDE is the Integrated Development Environment for building Selenium test cases. It operates as a Firefox add-on and provides an easy-to-use interface for developing and running individual test cases or entire test suites. Selenium-IDE has a recording feature, which will keep account of user actions as they are performed and store them as a reusable script to play back. It also has a context menu (right-click) integrated with the Firefox browser, which allows the user to pick from a list of assertions and verifications for the selected location. Selenium-IDE also offers full editing of test cases for more precision and control. Although Selenium-IDE is a Firefox only add-on, tests created in it can also be run against other browsers by using Selenium-RC and specifying the name of the test suite on the command line.

Selenium IDE Supports autocomplete mode when creating Tests. This Feature servers 2 purpose: -

- It helps the tester to enter commands more quickly.
- It restricts the user from entering invalid commands.

Login.html