Automation on FLIPKART website using Selenium and JENKINS

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Contents :

1.Introduction

2. Spring boot

3. Selenium

4.Testng

5.Jenkins

Introduction

* This presentation is about the automating the website using selenium tool and shows that how we can automate the process by using different functions and we can load the site and perform various functionalities using testing framework.

Spring Boot

* open source Java-based framework used to create a micro Service.
* Spring is Light weight framework
* It has Auto configuration
* It is widely used in industry to create java applications ,especially in microservices
* Spring initializer generally creates the skeleton with a dependency

Spring boot initializer

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Selenium

* It provides the tools for automating web browsers.
* It allows us to simulate user interactions and validate the functionality of web Applications .
* It is widely used for web applications through browsers like chrome, Firefox, edge etc.

TESTNG

* It is a Java-based open-source test automation framework. It covers a broader range of test categories: unit, functional, end-to-end, integration, etc
* This framework is quite popular among developers and testers for test creation due to its useful features like grouping,dependence, prioritization, ease of using multiple annotations, etc.
* Testng enables you to group testcases easily which is not possible in JUnit

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Output

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Jenkins

* Jenkins, a leading automation server , plays a pivotal role in our project by automating the build and deployment processes.
* This enables continuous integration and continuous delivery ensuring that code changes are tested and deployed efficiently.

Jenkins build UI

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Thank you