Automation with Selenium

Bookswagon Website

By -Sayali Arun Jadhav
Trainer- Ganesh Jadhav

Agenda

Software Engineering

- Waterfall Model
- Iterative Model
- Spiral Model
- Increment Model
- Prototype Model
- V Model
- Big-Ban Model
- Agile Model

HTML

- Basic Html Tag
- Formatting
- Forms and Input
- Frames
- Images
- Audio/Video
- Links
- Lists
- Tables
- Styles and Semantics

CSS

- Inline
- Internal
- External
- Padding
- Margin
- Border
- Selector's
- Opacity
- Background- Image
- Animation

JavaScript

- Methods

- Operator

- Slice, Substring, Reverse

- Document Object Model

- XML

DBMS & SQL

- Create, Update, Delete, Retrieve

- Row & Column

- Operators

- Queries

- Clause

- Foreign Key , Primary Key , Unique Key

- Join

- String Function

- DDL, DQL, DML, DCL

- Normalization

Manual Testing

- Functional Testing

- Non-Functional Testing

- White-Box Testing

- Black-Box Testing

- Sanity Testing

- Smoke Testing

- Performance Testing

- Security Testing

Java

- JVM, JRE
- Datatype, Keyword, Token, Identifier, Literals, Array
- Operator
- Coding Standards
- Looping
- Variables
- Constructor
- OOPS Concept
- Casting
- Exception
- Threading
- Collections

Selenium Webdriver

- Find Element
- Find Locators
- Dropdown
- Action Class
- Multiple Window Handle
- Waits
- iFrame
- Cookies
- Screenshot

TDD & BDD

- Maven
- TestNG
- Assertion
- Fail Test Cases
- Framework
- Page Object Model
- Page Factory
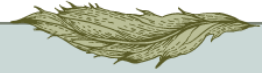- Feature File
- Gherkin Language

Introduction of Website

Bookswagon Website is about book-store. It has New Arrivals, Award Winner books, Featured Authors, Fictions, Biographies, …etc.

While automating this website I have used IntelliJ Idea with using Selenium, Maven and Testng.

I have truly automated this website with due respect to trainee.

Project Detail

Programming Language - Core Java
Automation Technology – Selenium Webdriver
Automation Testing Environment – TestNG
Tools - IntelliJ IDEA
Build-in Tool - Maven

Thank you

~Sayali Arun Jadhav