FPT Software

Automation test for Web

Training Assignment

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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1	20/May/2020	Createw a new assignment	Create new	DieuNT1	VinhNV

Contents

CODE:	**MBB_FTF_ATW_Assignment07_Opt1_v1.0**
TYPE:	**Long**
LOC:	**N/A**
DURATION:	**90 MINUTES**

Cross-Browser Testing

Objective

- Setting up Selenium Grid Server for parallel execution, Adding nodes to Selenium Grid for cross-browser testing, Creating and executing the Selenium script in parallel with TestNG, Running tests in headless mode.
- TBD

Working requirements

- Working environment: intellij.
- Delivery: Source code, deployment and testing, reviewing evident packaged in a compress archive.

Product architecture

- N/A

Technologies

The product implements one or more technology:

- Java basics

- TestNG

- Selenium

Stored Data

- N/A

Exercise 1:

1. Setup Selenium Grid for cross browser testing
2. Implement test script for some scenarios to run with 2 browser Chrome and Firefox as bellows:

Scenario 1:

Step 1: Navigate to the https://rawal-admin.themes-coder.net/admin/login

Step 2: Input username: admin@email.com

Step 3: Input password: 123

Step 4: Click to the Login button

Step 5: Click to the Catalog -> Click to Product Brands-> Click Add button -> Click English

Step 6: Input Brand Name with conditions:

+ if browser name = Chrome, please input "Demo_Chrome_xxxxx"

+ if browser name = Firefox, please input "Demo_Firefox_xxxx"

With xxxx is random string.

Step 7: Click to submit button

Step 8: Verify Product Brand create successfully with status is Active.

Scenario 2:

Step 1: Navigate to the https://rawal-admin.themes-coder.net/admin/login

Step 2: Input username: admin@email.com

Step 3: Input password: 123

Step 4: Click to the Login button

Step 5: Click to the Catalog -> Click to Product Categories-> Click Add button

Step 6: Input Category Name with conditions:

+ if browser name = Chrome, please input "Demo_Chrome_xxxx"

+ if browser name = Firefox, please input "Demo_Firefox_xxxx"

With xxxx is random string.

Step 7: Input description

Step 8: Select Parent Category is "Cat3"

Step 9: Input Slug: demo

Step 10: Upload Category media (select default first media)

Step 11: Update Category icon (select default first icon)

Step 12: Click to submit button

Step 13: Verify Product category create successfully.

Notes: Step 6 -> Step 11 need update for all language

Exercise 2:

1. Implement test script for scenario to run with 2 browser Chrome and Firefox with headless mode as bellows:

Scenario:

Step 1: Navigate to the https://rawal-admin.themes-coder.net/admin/login

Step 2: Input username: admin@email.com

Step 3: Input password: 123

Step 4: Click to the Login button

Step 5: Click to the Catalog -> Click to Products-> Click Add product

Step 6: Select Categories: Cat3

Step 7: Input product name, description for all language

Step 8: Click to the Advance Info tab and Add media with first image and Select product type: Simple

Step 9: Select Units: kilo

Step 10: Select Brands: KIA

Step 11: Input Product Weight: 10

Step 12: Price: 1000

Step 13: Discount Price: 0.1

Step 14: Input SKU with random string

Step 15: Click to the SEO tab and click to the Save

Step 16: Verify product create successfully.

Step 17: Click to the POS in top menu

Step 18: Click to the created product

Step 19: Verify discount price should be display: 0.1

-- THE END --