

Automation test for Web

Training Assignment

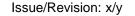
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RECORD OF CHANGES

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

Contents

Te	estNG Testing Framework	4
	Objective	
	Business needs	
	Working requirements	
	Product architecture	
	Technologies	4
	Stored Data	
	Exercise 1:	5
	Exercise 2:	5
	Exercise 3:	5
	Exercise 4:	6







CODE: MBB_FTF_ATW_Assignment01_Opt1_v1.0

TYPE: Long LOC: N/A

DURATION: 90 MINUTES

TestNG Testing Framework

Objective

- TestNG Basic Annotations, Testng xml file, Prioritizing the tests using TestNG, Groups in Testng, Parameterising from TestNG xml file, DataProvider Annotation -Parameterizing Testcases, Listeners in TestNG framework, TestNG Assertions.

Business needs

- TBD

Working requirements

- Working environment: Intellij IDE.
- 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

Stored Data

- N/A

Exercise 1:

Create sample to implement TestNG annotations as below:

- BeforeSuite
- BeforeTest
- BeforeClass
- BeforeMethod
- Test Case 1
- AfterMethod
- BeforeMethod
- Test Case 2
- AfterMethod
- AfterClass
- AfterTest
- AfterSuite

Exercise 2:

Write a program called **CheckPassFail** which prints "PASS" if the int variable "mark" is more than or equal to 50; or prints "FAIL" otherwise.

Note: Please pass values to test methods as arguments by using parameter annotations through testng.xml file

Exercise 3:

Here is the input json file that we need to parse:

Write a program using **@DataProvider** and trigger run by using **tesng.xml** to display all color and value to the screen.

Exercise 4:

Write a **testing.xml** file running with group is "Smoke" and then Compile and run the below script. It will be as following:

-- THE END --