Requirements:-

1.login to demosite.center/wordpress

2.Verify ur on admin page.

3.click on post 🡪 new post

4.write a new post

5. verify your new post is posted

//test cases

import java.io.IOException;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.Assert;

import org.testng.annotations.AfterSuite;

import org.testng.annotations.BeforeSuite;

import org.testng.annotations.Test;

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public class WordPressTestSuite {

// web driver declaration

private WebDriver driver = null;

private final String url = "http://demo.opensourcecms.com/wordpress/wp-login.php";

// This method will get call very first of the test case.

@BeforeSuite

public void setUp() {

// Initialization of firefox driver

driver = new FirefoxDriver();

driver.get(url);

}

// This methid will close all the resources and will get called at the end

// of the test suite.

@AfterSuite

public void tearDown() {

// closing driver after running all test cases

driver.quit();

}

@Test(description = "launching the web and check title", priority = 1)

public void testTitle() {

WordPressUtil.wait(10, driver);

Assert.assertEquals(driver.getTitle(),

"WordPress Demo Install › Log In");

}

@Test(description = "logging to the website", priority = 2)

public void doLogin() throws IOException {

driver.findElement(By.id("user\_login")).sendKeys(

WordPressUtil.stringToChar("admin"));

driver.findElement(By.id("user\_pass")).sendKeys(

WordPressUtil.stringToChar("demo123"));

driver.findElement(By.id("wp-submit")).click();

WordPressUtil.wait(10, driver);

WordPressUtil.screenShots("login", driver);

Assert.assertTrue(driver.getPageSource().contains("Howdy, admin"));

}

@Test(description = "naviagating to new post scree using following", priority = 3, dependsOnMethods = "doLogin")

public void navigateToPost() throws IOException {

driver.findElement(By.xpath("/html/body/div/div[2]/ul/li[3]/div[1]/a")).click();

WordPressUtil.wait(10, driver);

WordPressUtil.screenShots("naviagte", driver);

Assert.assertTrue(driver.getPageSource().contains("Add New"));

}

@Test(description =" click on add new post and write a post",priority=4,dependsOnMethods = "navigateToPost")

public void writeApost() throws InterruptedException{

driver.findElement(By.className("add-new-h2")).click();

driver.findElement(By.name("post\_title")).sendKeys(WordPressUtil.stringToChar("This is the new post"));

driver.findElement(By.name("content")).sendKeys(WordPressUtil.stringToChar("hi this is chandan writing a new post"));

Thread.sleep(1000);

driver.findElement(By.xpath("/html/body/div/div[3]/div[2]/div[1]/div[4]/form/div/div/div[2]/div/div[1]/div[2]/div/div[2]/div[2]/input[2]")).click();

WordPressUtil.wait(10,driver);

Assert.assertTrue(driver.getPageSource().contains("View Post"));

}

@Test(description="verifying new post",priority=5,dependsOnMethods="writeApost")

public void openNewPost(){

driver.findElement(By.xpath("/html/body/div/div[3]/div[2]/div[1]/div[4]/div[2]/p/a")).click();

WordPressUtil.wait(10,driver);

Assert.assertTrue(driver.getPageSource().contains("This is the new post"));

}

}

//utility class and methods

import java.io.File;

import java.io.IOException;

import java.util.concurrent.TimeUnit;

import org.apache.commons.io.FileUtils;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

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public final class WordPressUtil {

// wait method is called to halt the execution for the cretain amount of

// time.

public static void wait(int seconds, WebDriver driver) {

driver.manage().timeouts().implicitlyWait(seconds, TimeUnit.SECONDS);

}

//stringToChar method is used to convert string to CharSequence

public static CharSequence[] stringToChar(String name){

CharSequence[] convertedCharSeq = {name};

return convertedCharSeq;

}

public static void screenShots(String name, WebDriver driver) throws IOException

{

File scrFile = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

FileUtils.copyFile(scrFile, new File("c:\\tmp\\"+name+".png"));

}

}