Test Case Document

Project: OpenCart Demo Site  
Module: User Registration  
Automation Tool: Selenium WebDriver + TestNG (Java)  
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# Test Scenarios

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| Test Case ID | Test Scenario |
| TC\_001 | Verify Register page is loading properly |
| TC\_003 | Successful registration with valid details |
| TC\_008 | Submit form without filling any fields |
| TC\_009 | Submit with invalid email format |
| TC\_010 | Password and Confirm Password mismatch |
| TC\_013 | Submit without accepting Privacy Policy |

# Selenium Automation Code

## TC\_001 — Verify Register page is loading properly

@Test  
public void verifyRegisterPageLoads() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 String actualTitle = driver.getTitle();  
 Assert.assertEquals(actualTitle, "Register Account");  
}

## TC\_003 — Successful registration with valid details

@Test  
public void successfulRegistration() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 driver.findElement(By.id("input-firstname")).sendKeys("Kushagra");  
 driver.findElement(By.id("input-lastname")).sendKeys("Patel");  
 driver.findElement(By.id("input-email")).sendKeys("kushagra" + System.currentTimeMillis() + "@mail.com");  
 driver.findElement(By.id("input-telephone")).sendKeys("1234567890");  
 driver.findElement(By.id("input-password")).sendKeys("Test1234");  
 driver.findElement(By.id("input-confirm")).sendKeys("Test1234");  
 driver.findElement(By.name("agree")).click();  
 driver.findElement(By.cssSelector("input[type='submit']")).click();  
 WebElement successMsg = driver.findElement(By.cssSelector("#content h1"));  
 Assert.assertEquals(successMsg.getText(), "Your Account Has Been Created!");  
}

## TC\_008 — Submit form without filling any fields

@Test  
public void submitEmptyForm() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 driver.findElement(By.cssSelector("input[type='submit']")).click();  
 WebElement errorMsg = driver.findElement(By.cssSelector(".text-danger"));  
 Assert.assertTrue(errorMsg.isDisplayed());  
}

## TC\_009 — Submit with invalid email format

@Test  
public void invalidEmailFormat() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 driver.findElement(By.id("input-email")).sendKeys("abc123");  
 driver.findElement(By.name("agree")).click();  
 driver.findElement(By.cssSelector("input[type='submit']")).click();  
 WebElement error = driver.findElement(By.cssSelector(".text-danger"));  
 Assert.assertTrue(error.isDisplayed());  
}

## TC\_010 — Password and Confirm Password mismatch

@Test  
public void passwordMismatch() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 driver.findElement(By.id("input-password")).sendKeys("Test1234");  
 driver.findElement(By.id("input-confirm")).sendKeys("DifferentPass");  
 driver.findElement(By.name("agree")).click();  
 driver.findElement(By.cssSelector("input[type='submit']")).click();  
 WebElement confirmError = driver.findElement(By.xpath("//div[contains(text(),'Password confirmation does not match')]"));  
 Assert.assertTrue(confirmError.isDisplayed());  
}

## TC\_013 — Submit without accepting Privacy Policy

@Test  
public void submitWithoutPrivacyPolicy() {  
 driver.get("https://demo.opencart.com/index.php?route=account/register");  
 driver.findElement(By.cssSelector("input[type='submit']")).click();  
 WebElement errorMsg = driver.findElement(By.cssSelector(".alert-danger"));  
 Assert.assertTrue(errorMsg.isDisplayed());  
}