//Initialize a Maven project

Add dependencies to your pom.xml file

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.banking</groupId>

<artifactId>banking-automation-tests</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.1.0</version>

</dependency>

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.4.0</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.0.3</version>

</dependency>

</dependencies>

</project>

//Create BaseTest.java

package com.banking.utils;

import io.github.bonigarcia.wdm.WebDriverManager;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.BeforeMethod;

public class BaseTest {

protected WebDriver driver;

@BeforeMethod

public void setUp() {

WebDriverManager.chromedriver().setup();

driver = new ChromeDriver();

driver.manage().window().maximize();

driver.get("https://www.globalsqa.com/angularJs-protractor/BankingProject/#/login");

}

@AfterMethod

public void tearDown() {

if (driver != null) {

driver.quit();

}

}

}

//Create CustomerLoginTest.java//

package com.banking.tests;

import com.banking.utils.BaseTest;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.testng.Assert;

import org.testng.annotations.Test;

public class CustomerLoginTest extends BaseTest {

@Test

public void verifyCustomerLogin() {

// Click on "Customer Login"

WebElement customerLoginButton = driver.findElement(By.cssSelector("button[ng-click='customer()']"));

customerLoginButton.click();

// Select a customer from the dropdown

WebElement customerDropdown = driver.findElement(By.id("userSelect"));

customerDropdown.click();

WebElement customerName = driver.findElement(By.xpath("//option[text()='Harry Potter']"));

customerName.click();

// Click on "Login"

WebElement loginButton = driver.findElement(By.cssSelector("button[type='submit']"));

loginButton.click();

// Verify login success

WebElement welcomeMessage = driver.findElement(By.cssSelector("span[ng-show='user']"));

Assert.assertTrue(welcomeMessage.isDisplayed(), "Login was not successful.");

}

}

//Create DepositTest.java

package com.banking.tests;

import com.banking.utils.BaseTest;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.testng.Assert;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

public class DepositTest extends BaseTest {

@BeforeMethod

public void loginAsCustomer() {

// Click on "Customer Login"

WebElement customerLoginButton = driver.findElement(By.cssSelector("button[ng-click='customer()']"));

customerLoginButton.click();

// Select a customer from the dropdown

WebElement customerDropdown = driver.findElement(By.id("userSelect"));

customerDropdown.click();

WebElement customerName = driver.findElement(By.xpath("//option[text()='Harry Potter']"));

customerName.click();

// Click on "Login"

WebElement loginButton = driver.findElement(By.cssSelector("button[type='submit']"));

loginButton.click();

}

@Test

public void verifyDeposit() {

// Click on "Deposit"

WebElement depositTab = driver.findElement(By.cssSelector("button[ng-click='deposit()']"));

depositTab.click();

// Enter amount and deposit

WebElement amountInput = driver.findElement(By.cssSelector("input[ng-model='amount']"));

amountInput.sendKeys("100");

WebElement depositButton = driver.findElement(By.cssSelector("button[type='submit']"));

depositButton.click();

// Verify success message

WebElement successMessage = driver.findElement(By.cssSelector("span[ng-show='message']"));

Assert.assertTrue(successMessage.isDisplayed(), "Deposit was not successful.");

}

}

//Create WithdrawalTest.java

package com.banking.tests;

import com.banking.utils.BaseTest;

import org.openqa.selenium.By;

import org.openqa.selenium.WebElement;

import org.testng.Assert;

import org.testng.annotations.BeforeMethod;

import org.testng.annotations.Test;

public class WithdrawalTest extends BaseTest {

@BeforeMethod

public void loginAsCustomer() {

// Click on "Customer Login"

WebElement customerLoginButton = driver.findElement(By.cssSelector("button[ng-click='customer()']"));

customerLoginButton.click();

// Select a customer from the dropdown

WebElement customerDropdown = driver.findElement(By.id("userSelect"));

customerDropdown.click();

WebElement customerName = driver.findElement(By.xpath("//option[text()='Harry Potter']"));

customerName.click();

// Click on "Login"

WebElement loginButton = driver.findElement(By.cssSelector("button[type='submit']"));

loginButton.click();

}

@Test

public void verifyWithdrawal() {

// Click on "Withdrawl"

WebElement withdrawalTab = driver.findElement(By.cssSelector("button[ng-click='withdrawl()']"));

withdrawalTab.click();

// Enter amount and withdraw

WebElement amountInput = driver.findElement(By.cssSelector("input[ng-model='amount']"));

amountInput.sendKeys("50");

WebElement withdrawButton = driver.findElement(By.cssSelector("button[type='submit']"));

withdrawButton.click();

// Verify success message

WebElement successMessage = driver.findElement(By.cssSelector("span[ng-show='message']"));

Assert.assertTrue(successMessage.isDisplayed(), "Withdrawal was not successful.");

}

}