# 1. BookingLoginTest

package Unboxing\_Project;  
  
import Unboxing\_Project.utils.UtilityMethods;  
import org.junit.Test;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebElement;  
import teme.util.ta\_utils.BaseTestClass;  
  
public class BookingLoginTest extends BaseTestClass {  
 private String username = "BookingLoginTest@yahoo.com";  
 private String password = "7hkSG7RERiZ2neK";  
 @Test  
  
 public void testLogin() throws InterruptedException {  
  
 // Navigate to the website  
 driver.get("http://138.68.69.185:3333/");  
  
 // Find and click the "Login" button  
 WebElement element = driver.findElement(By.*cssSelector*(".hover-icon.text-sm.bg-emerald-500.p-2.rounded.font-bold"));  
 element.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the username and password fields and fill in the credentials  
 WebElement usernameField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(2)"));  
 WebElement passwordField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(3)"));  
 usernameField.sendKeys(username);  
 passwordField.sendKeys(password);  
  
 // Click the login button  
 WebElement loginButton = driver.findElement(By.*xpath*("//button[@type='submit']"));  
 loginButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Verify that the login was successful, by finding the element "welcomeNote"  
 WebElement welcomeNote = driver.findElement(By.*cssSelector*("div.flex.items-center.justify-center.text-sm"));  
 String actualWelcomeNote = welcomeNote.getText();  
  
 // Find and select welcome message using JavascriptExecutor  
 UtilityMethods.*selectTextWelcome*(driver, welcomeNote);  
  
 // Get the text of the element after hovering over it  
 String elementText = welcomeNote.getText();  
 String actualwelcomeNote = welcomeNote.getText();  
 String expectedwelcomeNote = "Welcome, Darasteanu Razvan!";  
 System.*out*.println("Actual welcome message: " + actualwelcomeNote);  
 assert actualwelcomeNote.equals(expectedwelcomeNote);  
  
 Thread.*sleep*(2000);  
  
 // Find and click the "Log Out" button  
 WebElement logoutButton = driver.findElement(By.*name*("log-out-outline"));  
 logoutButton.click();  
  
 Thread.*sleep*(2000);  
  
 }  
}

# 2. UtilityMethods

package Unboxing\_Project.utils;  
  
import org.openqa.selenium.JavascriptExecutor;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
  
public class UtilityMethods {  
  
 public static void selectTextWelcome(WebDriver driver, WebElement welcomeNote) {  
 JavascriptExecutor js = (JavascriptExecutor) driver;  
 js.executeScript("var element = arguments[0];" +  
 "var range = document.createRange();" +  
 "range.setStart(element.firstChild, 0);" +  
 "range.setEnd(element.firstChild, 7);" +  
 "var selection = window.getSelection();" +  
 "selection.removeAllRanges();" +  
 "selection.addRange(range);",  
 welcomeNote);  
  
 }  
}

# 3. BookingProcessTestFailed

package Unboxing\_Project;  
  
import org.junit.Test;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebElement;  
import teme.util.ta\_utils.BaseTestClass;  
  
public class BookingProcessTestFailed extends BaseTestClass {  
 private String username = "BookingLoginTest@yahoo.com";  
 private String password = "7hkSG7RERiZ2neK";  
 private String dateFormat = "mm/dd/yyyy";  
 private String checkin = "01/03/2024";  
 private String checkout = "01/04/2024";  
  
 @Test  
 public void testFailed() throws InterruptedException {  
  
 // Navigate to the website  
 driver.get("http://138.68.69.185:3333/");  
  
 // Find and click the "Login" button  
 WebElement loginButton = driver.findElement(By.*cssSelector*(".hover-icon.text-sm.bg-emerald-500.p-2.rounded.font-bold"));  
 loginButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the username and password fields and fill in the credentials  
 WebElement usernameField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(2)"));  
 WebElement passwordField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(3)"));  
 usernameField.sendKeys(username);  
 passwordField.sendKeys(password);  
  
 // Click the login button  
 WebElement submitButton = driver.findElement(By.*xpath*("//button[@type='submit']"));  
 submitButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the image of "Hotel Iasi" and click on it  
 WebElement element = driver.findElement(By.*xpath*("//div[@class='h-full grow cursor-pointer'][1]"));  
 element.click();  
  
 Thread.*sleep*(2000);  
  
 //Find the image of the room "tripla" and ckick on it  
 WebElement roomElement = driver.findElement(By.*cssSelector*("img[alt='rounded-xl']"));  
 roomElement.click();  
  
 Thread.*sleep*(2000);  
  
 // Click on the "Who is the main contact person?" button and select "Me"  
 WebElement radioButoon = driver.findElement(By.*xpath*("//input[@value='Me']"));  
 radioButoon.click();  
  
 Thread.*sleep*(2000);  
  
 // Find and click the 'Next step' button  
 WebElement nextStep1 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextStep1.click();  
  
 // Click on "What rooms would you like to reserve?" and select 1  
 WebElement roomTripla = driver.findElement(By.*xpath*("//b[1]"));  
 roomTripla.click();  
  
 // Fill in the checking date field  
 WebElement checkinField = driver.findElement(By.*xpath*("(//input[@type='date'])[1]"));  
 checkinField.sendKeys(checkin);  
  
 // Fill in the checkout date field  
 WebElement checkoutField = driver.findElement(By.*xpath*("(//input[@type='date'])[2]"));  
 checkoutField.sendKeys(checkout);  
  
 Thread.*sleep*(2000);

// Click on the "Next step" button  
 WebElement nextButton2 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextButton2.click();  
  
 // Put the value 1 in the field "What is the number of people eating breakfast?"  
 WebElement eatBreakfast = driver.findElement(By.*cssSelector*("div#\_\_next input[type='number']"));  
 eatBreakfast.clear();  
 eatBreakfast.sendKeys("1");  
  
 // Click on the 'Next step' button  
 WebElement nextButton3 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextButton3.click();  
  
 // Click on the 'Next step' button  
 WebElement nextStepButton4 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextStepButton4.click();  
  
 // Click on the 'Book Holiday' button  
 WebElement bookHolidayButton = driver.findElement(By.*xpath*("//button[contains(text(),'Book holiday')]"));  
 bookHolidayButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the message element-'This property has no availability on our site'  
 WebElement messageElement = driver.findElement(By.*xpath*("//div[contains(text(),'This property has no availability on our site')]"));  
  
 //Find the message element-'Succes!'>(Diference between Classes!)  
 //WebElement messageElement = driver.findElement(By.xpath("//div[contains(text(),'Succes!')]"));  
  
 // Get the message text  
 String messageText = messageElement.getText();  
  
 // Check if the message contains the "Booking successful" text  
 if (messageText.contains("Succes!")) {  
 System.*out*.println("Succes!");  
 } else if (messageText.contains("This property has no availability on our site")) {  
 System.*out*.println("This property has no availability on our site");  
 }  
 }  
}

# 4. BookingProcessTestSuccess

package Unboxing\_Project;  
  
import org.junit.Test;  
import org.openqa.selenium.By;  
import org.openqa.selenium.WebElement;  
import teme.util.ta\_utils.BaseTestClass;  
  
public class BookingProcessTestSuccess extends BaseTestClass {  
 private String username = "BookingLoginTest@yahoo.com";  
 private String password = "7hkSG7RERiZ2neK";  
 private String dateFormat = "mm/dd/yyyy";  
 private String checkin = "01/05/2024";  
 private String checkout = "01/06/2024";  
  
 @Test  
 public void testFailed() throws InterruptedException {  
  
 // Navigate to the website  
 driver.get("http://138.68.69.185:3333/");  
  
 // Find and click the "Login" button  
 WebElement loginButton = driver.findElement(By.*cssSelector*(".hover-icon.text-sm.bg-emerald-500.p-2.rounded.font-bold"));  
 loginButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the username and password fields and fill in the credentials  
 WebElement usernameField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(2)"));  
 WebElement passwordField = driver.findElement(By.*cssSelector*("#\_\_next > div > div > form > input:nth-child(3)"));  
 usernameField.sendKeys(username);  
 passwordField.sendKeys(password);  
  
 // Click the login button  
 WebElement submitButton = driver.findElement(By.*xpath*("//button[@type='submit']"));  
 submitButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the image of "Hotel Iasi" and click on it  
 WebElement element = driver.findElement(By.*xpath*("//div[@class='h-full grow cursor-pointer'][1]"));  
 element.click();  
  
 Thread.*sleep*(2000);  
  
 //Find the image of the room "tripla" and ckick on it  
 WebElement roomElement = driver.findElement(By.*cssSelector*("img[alt='rounded-xl']"));  
 roomElement.click();  
  
 Thread.*sleep*(2000);  
  
 // Click on the "Who is the main contact person?" button and select "Me"  
 WebElement radioButoon = driver.findElement(By.*xpath*("//input[@value='Me']"));  
 radioButoon.click();  
  
 Thread.*sleep*(2000);  
  
 // Find and click the 'Next step' button  
 WebElement nextStep1 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextStep1.click();  
  
 // Click on "What rooms would you like to reserve?" and select 1  
 WebElement roomTripla = driver.findElement(By.*xpath*("//b[1]"));  
 roomTripla.click();  
  
 // Fill in the checking date field  
 WebElement checkinField = driver.findElement(By.*xpath*("(//input[@type='date'])[1]"));  
 checkinField.sendKeys(checkin);  
  
 // Fill in the checkout date field  
 WebElement checkoutField = driver.findElement(By.*xpath*("(//input[@type='date'])[2]"));  
 checkoutField.sendKeys(checkout);  
  
 Thread.*sleep*(2000);  
  
 // Click on the "Next step" button  
 WebElement nextButton2 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextButton2.click();  
  
 // Put the value 1 in the field "What is the number of people eating breakfast?"  
 WebElement eatBreakfast = driver.findElement(By.*cssSelector*("div#\_\_next input[type='number']"));  
 eatBreakfast.clear();  
 eatBreakfast.sendKeys("1");  
  
 // Click on the 'Next step' button  
 WebElement nextButton3 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextButton3.click();  
  
 // Click on the 'Next step' button  
 WebElement nextStepButton4 = driver.findElement(By.*xpath*("//button[contains(text(),'Next step')]"));  
 nextStepButton4.click();  
  
 // Click on the 'Book Holiday' button  
 WebElement bookHolidayButton = driver.findElement(By.*xpath*("//button[contains(text(),'Book holiday')]"));  
 bookHolidayButton.click();  
  
 Thread.*sleep*(2000);  
  
 // Find the message element-'This property has no availability on our site'>(Diference between Classes!)  
 //WebElement messageElement = driver.findElement(By.xpath("//div[contains(text(),'This property has no availability on our site')]"));  
  
 //Find the message element-'Succes!'  
 WebElement messageElement = driver.findElement(By.*xpath*("//div[contains(text(),'Succes!')]"));  
  
 // Get the message text  
 String messageText = messageElement.getText();  
  
 // Check if the message contains the "Booking successful" text  
 if (messageText.contains("Succes!")) {  
 System.*out*.println("Succes!");  
 } else if (messageText.contains("This property has no availability on our site")) {  
 System.*out*.println("This property has no availability on our site");  
 }  
 }  
}

# 5. BaseTestClass

package teme.util.ta\_utils;  
  
import org.apache.commons.lang3.SystemUtils;  
import org.junit.After;  
import org.junit.Before;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.chrome.ChromeOptions;  
  
public class BaseTestClass {  
 public WebDriver driver;  
  
 @Before  
 public void setUpTest() {  
 // System.setProperty("webdriver.chrome.driver", DriversPath.getDriverDirPath() + "chromedriver" + DriversPath.getDriverExtension());  
  
 ChromeOptions options = new ChromeOptions();  
 options.setExperimentalOption("excludeSwitches", new String[]{"enable-automation"});  
 options.addArguments("--remote-allow-origins=\*");  
 driver = new ChromeDriver(options);  
  
// EdgeOptions optionsEdge = new EdgeOptions();  
// options.setExperimentalOption("excludeSwitches", new String[]{"enable-automation"});  
// options.addArguments("--remote-allow-origins=\*");  
// driver = new EdgeDriver(optionsEdge);  
  
 if (SystemUtils.*IS\_OS\_WINDOWS*) {  
 driver.manage().window().maximize();  
 }  
  
 }  
// @Before  
// public void setUpTestEdge() {  
// EdgeOptions optionsEdge = new EdgeOptions();  
// optionsEdge.setExperimentalOption("excludeSwitches", new String[]{"enable-automation"});  
// optionsEdge.addArguments("--remote-allow-origins=\*");  
// driverEdge = new EdgeDriver(optionsEdge);  
//  
// if (SystemUtils.IS\_OS\_WINDOWS) {  
// driverEdge.manage().window().maximize();  
// }  
// }  
 @After  
 public void tearDown() {  
 driver.quit();  
 // driverEdge.quit();  
 }  
}