SIVAN CHAUSHU

AUTOMATION & MANUAL QA PROJECT

- SELENIUM(JAVA)
- TESTRAIL
- SQL

C3: Swag Labs - Create a new order

Type	Priority	Estimate	References
Functional	High	5 minutes	None
Automation Type			
None			

Preconditions

1) A computer with chrome browser

2) User details:
Valid Username: standard_user
Valid Password: secret_sauce

First name - Dani
Last name - Cohen
Zip/Postal Code - 777

3) Product details:
Proudct name - Sauce Labs Bike Light
Price - 9.99$
Tax - 0.80$
Payment infotmation - SauceCard #31337
Shipping information - Free Pony Express Delivery!

4) Cart should be empty

MANUAL

TESTRAIL

Steps

| 1 | Navigate to URL: https://www.saucedemo.com/ | Login screen will appear successfully |

| 2 | Enter Username and Password, and click "Login" button | Product screen will appear successfully |

| 3 | Press "Add to cart" button under product name: "Sauce Labs Bike Light" | 1) "Add to cart" button will change to "Remove"
2) Bubble with number 1 will appear inside the cart icon |

4 Press on the cart icon at the upper right side of the Page

1) "Your cart" screen will appear successfully
2) product detailes will be displayed

5 Press on "Checkout" button

"Your information" screen will appear successfully

6 Enter First name, Last name and a Zip/Postal Code, and Press "Continue" button
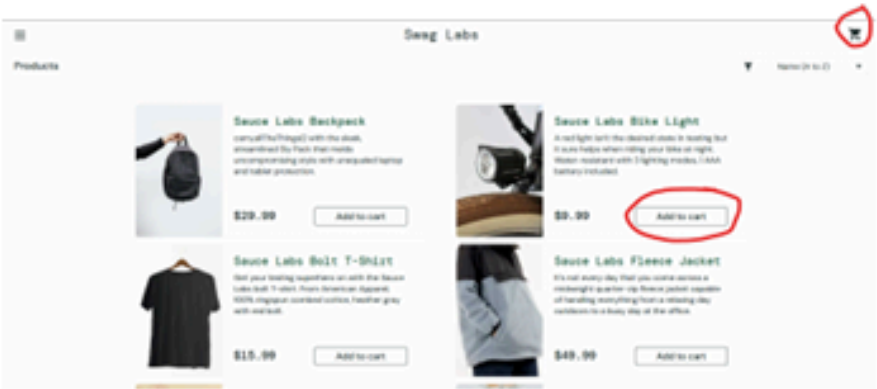
"Checkout: Overview" screen will appear successfully

7 Press "Finish" button

"Checkout: Complete!" screen will appear successfully

8 Press "Back Home" button

1) Product screen will appear successfully
2) "Remove" button will change to
3) "Add to cart" and cart will be empty

9 Run SQL and look for Payment information "SauceCard #31337" in Payments table.

Valid details for payment information (paymentinfo) SauceCard #31337

```
1  select * from payments
2  WHERE paymentinfo = 'SauceCard #31337';
```

Data Output   Notifications

paymentid [PK] integer	orderid integer	userid integer	amount numeric (10,2)	paymentdate timestamp without time zone	paymentinfo character varying (50)
1	70	20	1	10.79	2025-02-21 00:00:00	SauceCard #31337

```java
1  import org.openqa.selenium.By;

5  public class FinalExamSivanChaushu {
6      public static void main(String[] args) {
7          //        TC01 - "Navigate to URL: https://www.saucedemo.com/ "
8          System.setProperty("webdriver.chrome.driver","C:\\automation\\drivers\\chromedriver.exe");
9          WebDriver driver = new ChromeDriver();
10         driver.manage().window().maximize();
11         driver.get("https://www.saucedemo.com/");
12
13         ifElse_ExpectedEqualsActual(driver, "01", "Swag Labs", ".login_logo");
14
15         //        TC02 - Enter Username and Password, and click "Login" button
16         enteringUsernameAndPassword_and_ClickLogin(driver, "standard_user", "secret_sauce");
17
18         //        TC03- Press "Add to cart" button under product name: "Sauce Labs Bike Light"
19         driver.findElement(By.cssSelector("#add-to-cart-sauce-labs-backpack")).click();
20         ifElse_ExpectedEqualsActual(driver, "03", "Remove", "#remove-sauce-labs-backpack"); //Calculate and print "Pass"/"Failed" result for TC03
21
22         //        TC04 - Press on the cart icon at the upper right side of the Page
23         driver.findElement(By.cssSelector(".shopping_cart_link")).click();
24         ifElse_ExpectedEqualsActual(driver, "04", "Your Cart", ".title"); //Calculate and print "Pass"/"Failed" result for TC04
25
26         //        TC05 - Press on "Checkout" button
27         driver.findElement(By.cssSelector("#checkout")).click();
28         ifElse_ExpectedEqualsActual(driver, "05", "Checkout: Your Information", ".title");
29
30         //        TC06 - Enter First name, Last name and a Zip/Postal Code, and Press "Continue" button
31         tc06Entering_firstName_lastName_zipCode_and_pressContinue(driver, "Dani", "Cohen", "777");
32
33         //        TC07 - Press "Finish" button
34         driver.findElement(By.cssSelector("#finish")).click();
35         ifElse_ExpectedEqualsActual(driver, "07", "Thank you for your order!", ".complete-header");
36
37         //        TC08 - Press "Back Home" button
38         driver.findElement(By.cssSelector("#back-to-products")).click();
39         ifElse_ExpectedEqualsActual(driver, "08", "Products", ".title");
40
41         driver.quit();
42     }
```

```java
45    //Methods
46    public static void enteringUsernameAndPassword_and_ClickLogin(WebDriver driver, String username, String password) {
47        driver.navigate().refresh();
48        driver.findElement(By.cssSelector("#user-name")).sendKeys(username);
49        driver.findElement(By.cssSelector("#password")).sendKeys(password);
50        driver.findElement(By.cssSelector("#login-button")).click();
51
52        String exeptedUrl = "https://www.saucedemo.com/inventory.html";
53        String actualUrl = driver.getCurrentUrl();
54
55        if(exeptedUrl.equals(actualUrl)) {
56            System.out.println("TC 02 - Pass");
57        }
58        else {System.out.println("TC 02 - Failed");
59        }
60    }
61    public static void ifElse_ExpectedEqualsActual(WebDriver driver, String tcNum, String expected1, String cssSelector) {
62        String actual1 = driver.findElement(By.cssSelector(cssSelector)).getText();
63
64        if(expected1.equals(actual1)) {
65            System.out.println("TC " + tcNum + " - Pass");
66        }
67        else {
68            System.out.println("TC " + tcNum + " - Failed");
69        }
70    }
71    public static void tc06Entering_firstName_lastName_zipCode_and_pressContinue(WebDriver driver, String firstname, String lastname,String zipcode) {
72        driver.findElement(By.cssSelector("#first-name")).sendKeys(firstname);
73        driver.findElement(By.cssSelector("#last-name")).sendKeys(lastname);
74        driver.findElement(By.cssSelector("#postal-code")).sendKeys(zipcode);
75        driver.findElement(By.cssSelector("#continue")).click();
76
77        String expected = "Checkout: Overview";
78        String actual = driver.findElement(By.cssSelector(".title")).getText();
79
80        if(expected.equals(actual)) {
81            System.out.println("TC 06 - Pass");
82        }
83        else {
84            System.out.println("TC 06 - Failed");
85        }
86    }
87 }
```