PHASE 2 PROJECT: Framework to Test the Swaglab Application in Different Environment.

DESCRIPTION:

Create a BDD with Cucumber Framework to perform the Regression Testing for SwagLab application and to generate various reports.

Application: https://www.saucedemo.com/

* Create new project using Cucumber with Maven

* Add all the cucumber dependencies

* Add your chromedriver

* You need to add Hooks

* You need to create two feature files

    1) Login

        Positive Login

        Negative Login to validate the error

    2) HomePage

        Need to add the product to the cart , and product name has to be given from feature file

* Add the associated stepf defs

* Need to add the runner class

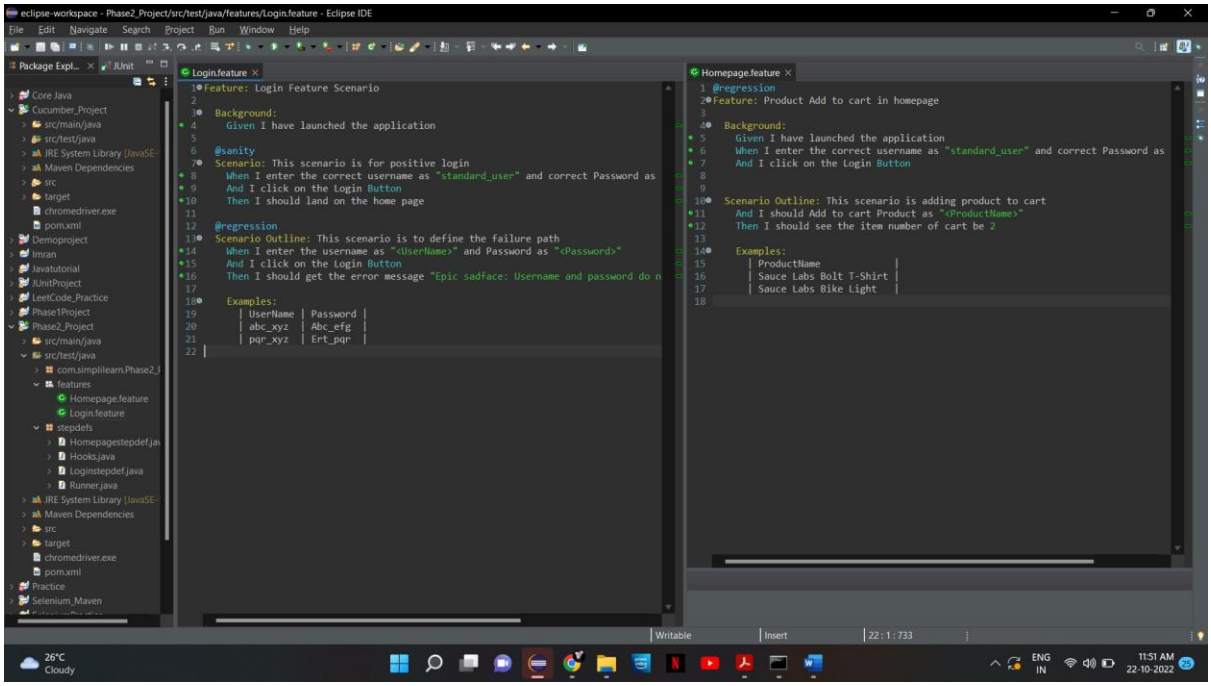
* Provide two tags sanity and regression

* run your features using runner class

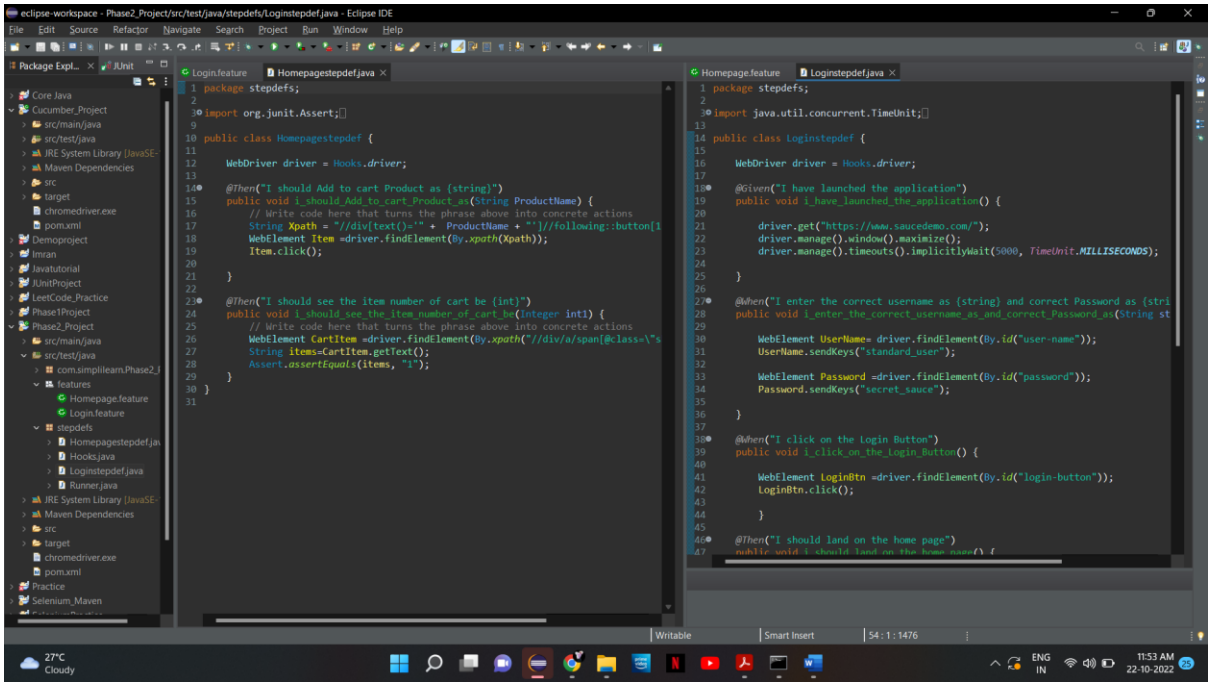
* run your features using cmd

* run your features using jenkins and publish the report

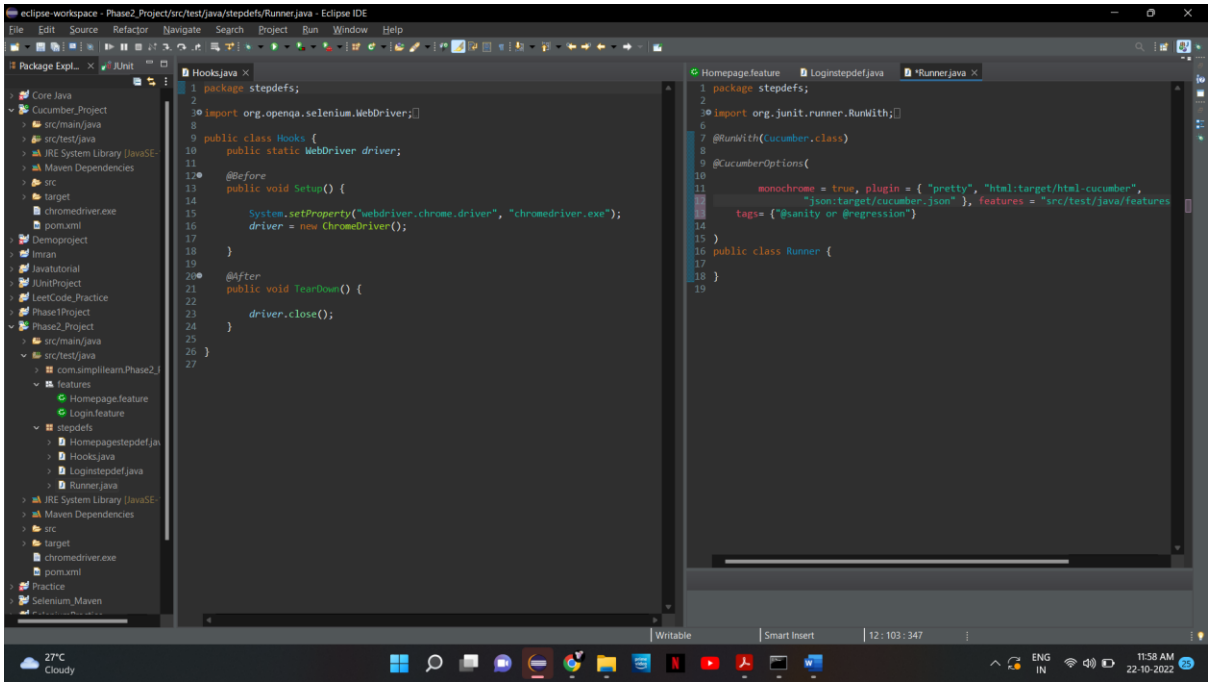
Features:



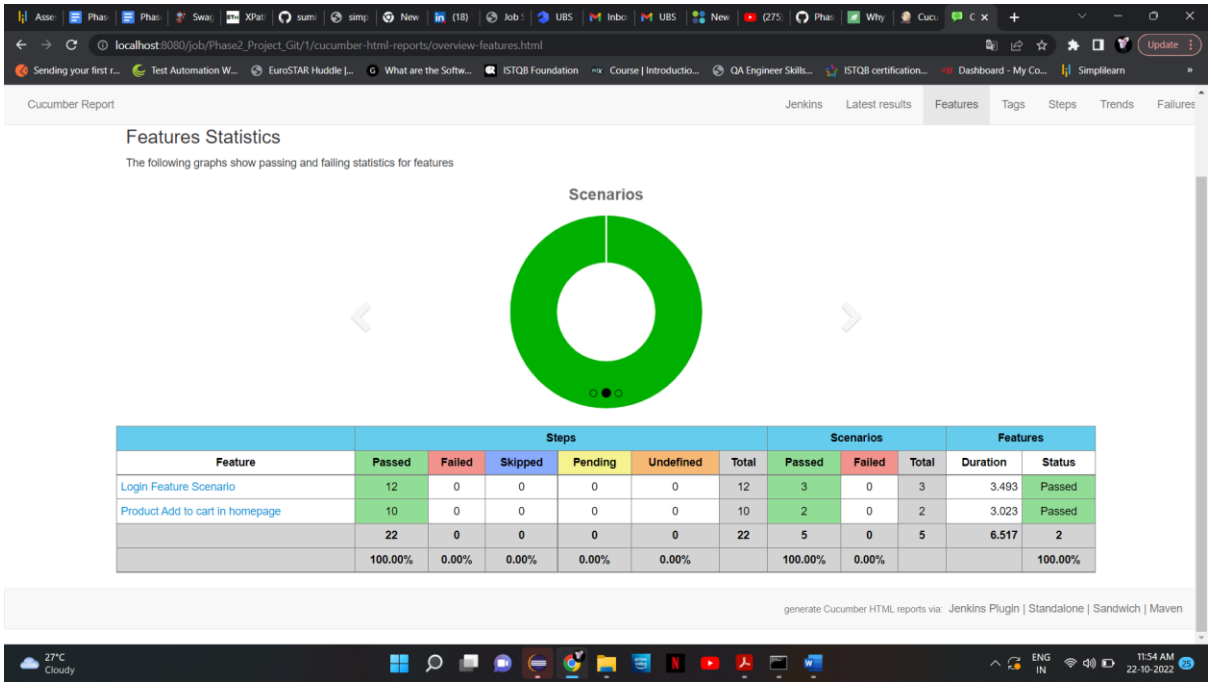
Stepdef:



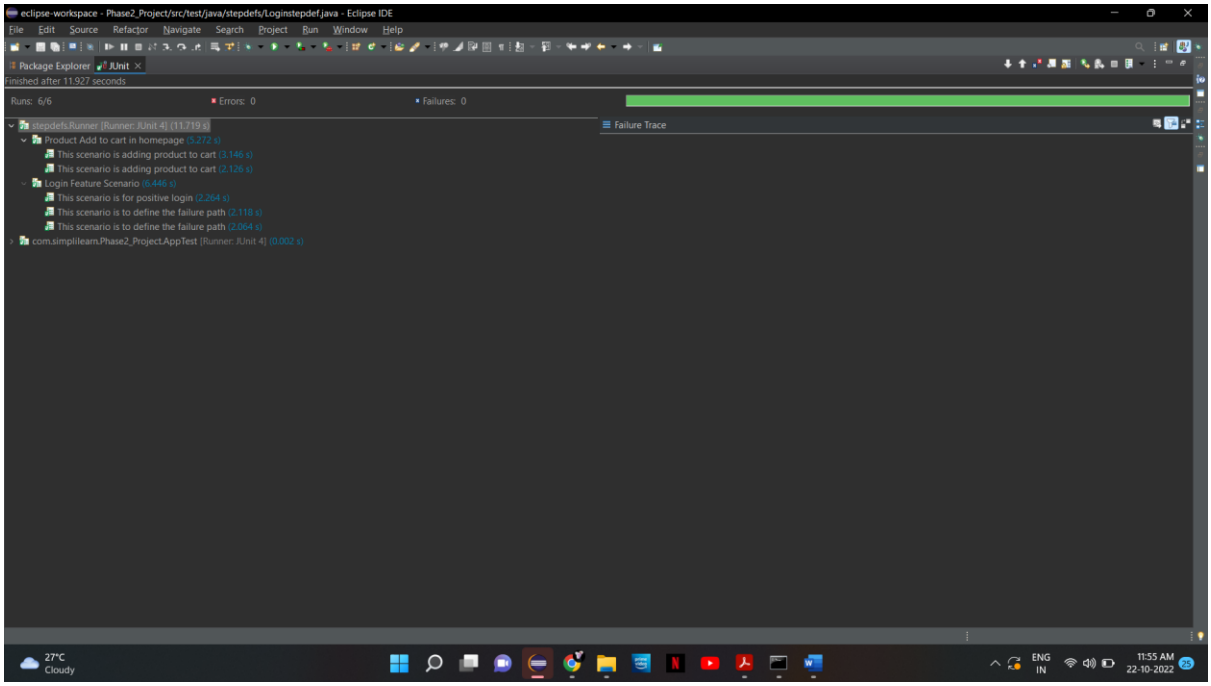
Hooks & Runner:



Jenkins:



Console:



Github: https://github.com/imanovian/Phase2_Project.git

Src code:

Homepagestepdef:

```
package stepdefs;


import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;


import io.cucumber.java.en.Then;


public class Homepagestepdef {


	WebDriver driver = Hooks.driver;


	@Then("I should Add to cart Product as {string}")
```

```
	public void i_should_Add_to_cart_Product_as(String ProductName) {
		// Write code here that turns the phrase above into concrete actions
		String Xpath = "//div[text()='" + ProductName + "']//following::button[1]";
		WebElement Item = driver.findElement(By.xpath(Xpath));
		Item.click();

	}

	@Then("I should see the item number of cart be {int}")
	public void i_should_see_the_item_number_of_cart_be(Integer int1) {
		// Write code here that turns the phrase above into concrete actions
		WebElement CartItem =
driver.findElement(By.xpath("//div/a/span[@class=\"shopping_cart_badge\"]"));
		String items = CartItem.getText();
		Assert.assertEquals(items, "1");
	}
}
```

Loginstepdef:

```
package stepdefs;

import java.util.concurrent.TimeUnit;

import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;

import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class Loginstepdef {
```

```
	WebDriver driver = Hooks.driver;

	@Given("I have launched the application")
	public void i_have_launched_the_application() {

		driver.get("https://www.saucedemo.com/");
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(5000, TimeUnit.MILLISECONDS);

	}

	@When("I enter the correct username as {string} and correct Password as {string}")
	public void i_enter_the_correct_username_as_and_correct_Password_as(String string, String string2) {

		WebElement UserName = driver.findElement(By.id("user-name"));
		UserName.sendKeys("standard_user");

		WebElement Password = driver.findElement(By.id("password"));
		Password.sendKeys("secret_sauce");

	}

	@When("I click on the Login Button")
	public void i_click_on_the_Login_Button() {

		WebElement LoginBtn = driver.findElement(By.id("login-button"));
		LoginBtn.click();

	}

	@Then("I should land on the home page")
```

```
	public void i_should_land_on_the_home_page() {

		String title = driver.getTitle();
		System.out.println("HomePage Title::" + title);
		Assert.assertEquals("Swag Labs", title);

	}

	@When("I enter the username as {string} and Password as {string}")
	public void i_enter_the_username_as_and_Password_as(String UserNameVal, String PasswordVal) {

		WebElement UserName = driver.findElement(By.id("user-name"));
		UserName.sendKeys(UserNameVal);

		WebElement Password = driver.findElement(By.id("password"));
		Password.sendKeys(PasswordVal);

	}

	@Then("I should get the error message {string}")
	public void i_should_get_the_error_message(String string) {

		WebElement Error = driver.findElement(By.xpath("//h3[@data-test='error']"));
		String ActError = Error.getText();
		String ExpError = "Epic sadface: Username and password do not match any user in this service";
		Assert.assertEquals(ExpError, ActError);

	}
}
```

==========END==========