```gherkin
@tag
Feature: WAY 2 Website
 I want to use this template for my feature file
 @tag1
 Scenario: Title of your scenario
   Given user enter a valid url
   And File the input user details
   When sleect country and dropdown
   And slect check box
   And select data of birthday
   Then sumbit from
   And verify successfully submission
```

```java
package DAY11;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;
public class WAY2 {
        WebDriver driver;

        @Given("user enter a valid url")
        public void user_enter_a_valid_url() throws InterruptedException {
            driver =  new ChromeDriver();
            driver.get("https://way2automation.com/way2auto_jquery/registration.php#load_box");
            driver.manage().window().maximize();
            Thread.sleep(2000);
        }
        @And("File the input user details")
        public void file_the_input_user_details() throws InterruptedException {
                driver.findElement(By.xpath("//input[@name='name']")).sendKeys("");
                Thread.sleep(2000);
                driver.findElement(By.xpath("//label[@'Last Name:']")).sendKeys("");
                Thread.sleep(2000);
                driver.findElement(By.xpath("//input[@name='phone']")).sendKeys("");
                Thread.sleep(2000);
                driver.findElement(By.xpath("//input[@type='password']")).sendKeys("");
                Thread.sleep(2000);
                driver.findElement(By.xpath("//input[@name='c_password']")).sendKeys("");
                Thread.sleep(2000);
        }
        @When("sleect country and dropdown")
        public void sleect_country_and_dropdown() throws InterruptedException {
            driver.findElement(By.xpath("//option[@selected='selected']")).sendKeys("India");
        }
        @And("slect check box")
```

```java
        public void slect_check_box() {
                driver.findElement(By.xpath("//input[@name='hobby']")).click();
        }
        @And("select data of birthday")
        public void select_data_of_birthday() throws InterruptedException {
                driver.findElement(By.xpath("//div[@class='time_feild']")).sendKeys("1");
                    Thread.sleep(3000);
                    driver.findElement(By.xpath("//option[text()='Day']")).sendKeys("1");
                    Thread.sleep(3000);
                    driver.findElement(By.xpath("//option[text()='Year']")).sendKeys("2014");
                    Thread.sleep(3000);
        }
        @Then("sumbit from")
        public void sumbit_from() throws InterruptedException {
            driver.findElement(By.xpath("//input[@type='file']")).click();
            Thread.sleep(3000);
            driver.findElement(By.xpath("//input[@type='submit']")).click();
        }
        @And("verify successfully submission")
        public void verify_successfully_submission() {
                driver.quit();

        }
}
```

```java
package RunningScript;
import io.cucumber.testng.AbstractTestNGCucumberTests;
import io.cucumber.testng.CucumberOptions;
@CucumberOptions(

                features =
{"C:\\Users\\Pcc\\Documents\\workspace-spring-tool-suite-4-4.29.1.RELEASE\\CucumberProject\\src\\test
\\java\\ScriptWrite\\WAY-2.feature"},
                glue={"DAY11"}


                )
public class WAYRunner extends AbstractTestNGCucumberTests {
}
```

```java
package EVLA2;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;

public class DATAProvider {
```

```java
        WebDriver driver;
        @Test(dataProvider = "getdata")

        public void login(String username , String password) throws InterruptedException {
                driver =  new ChromeDriver();
                driver.get("https://practicetestautomation.com/practice-test-login/");
                driver.manage().window().maximize();
                Thread.sleep(2000);

                driver.findElement(By.id("username")).sendKeys(username);
                Thread.sleep(2000);

                driver.findElement(By.id("password")).sendKeys(password);
                Thread.sleep(2000);

                driver.findElement(By.id("submit")).click();
                Thread.sleep(3000);
        }
        @DataProvider
        public Object[][] getdata()
        {
                Object[][]data =  new Object[2][2];
                data[0][0]="student";
                data[0][1]="Password123";
                data[1][0]="Shivam";
                data[1][1]="Shivam123";


                return data;
        }
}
```

```java
package EVLA2;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.BeforeClass;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
import com.aventstack.extentreports.ExtentReports;
import com.aventstack.extentreports.ExtentTest;
import com.aventstack.extentreports.reporter.ExtentSparkReporter;

public class ExtentReport {

        WebDriver driver;
        ExtentReports extent;
```

```java
        ExtentTest test;
        @BeforeTest
        void start() {
                ExtentSparkReporter spark = new ExtentSparkReporter("Evalution.html");
                extent =  new ExtentReports();
                extent.attachReporter(spark);
                driver = new ChromeDriver();
        }
        @Test

        void setup() throws InterruptedException {
                driver.get("https://practicetestautomation.com/practice-test-login/");
                driver.manage().window().maximize();
                Thread.sleep(2000);
                driver.findElement(By.id("username")).sendKeys("student");
                Thread.sleep(2000);

                driver.findElement(By.id("password")).sendKeys("Password123");
                Thread.sleep(2000);

                driver.findElement(By.id("submit")).click();
                Thread.sleep(3000);
        }
        @BeforeClass
        void close() {
                driver.quit();

                extent.flush();
        }
}
```

Dependency Extent Report

```xml
<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
https://maven.apache.org/xsd/maven-4.0.0.xsd">
 <modelVersion>4.0.0</modelVersion>
 <groupId>TestNGDemo</groupId>
 <artifactId>TestNGDemo</artifactId>
 <version>0.0.1-SNAPSHOT</version>
 <dependencies>
 <!-- https://mvnrepository.com/artifact/org.seleniumhq.selenium/selenium-java -->
<dependency>
  <groupId>org.seleniumhq.selenium</groupId>
  <artifactId>selenium-java</artifactId>
  <version>4.30.0</version>
```

```xml
</dependency>
<!-- https://mvnrepository.com/artifact/org.testng/testng -->
<dependency>
  <groupId>org.testng</groupId>
  <artifactId>testng</artifactId>
  <version>7.11.0</version>
  <scope>test</scope>
</dependency>
<!-- https://mvnrepository.com/artifact/io.github.bonigarcia/webdrivermanager -->
<dependency>
  <groupId>io.github.bonigarcia</groupId>
  <artifactId>webdrivermanager</artifactId>
  <version>6.0.0</version>
</dependency>
<!-- https://mvnrepository.com/artifact/com.aventstack/extentreports -->
<dependency>
  <groupId>com.aventstack</groupId>
  <artifactId>extentreports</artifactId>
  <version>5.1.1</version>
</dependency>
        <dependency>
                <groupId>CucumberProject</groupId>
                <artifactId>CucumberProject</artifactId>
                <version>0.0.1-SNAPSHOT</version>
        </dependency>
 </dependencies>
</project>
```

TestNG Assertion

```java
package EVLA2;
import org.testng.Assert;
import org.testng.annotations.Test;

public class Assertion {
        @Test (priority =1)

        void first() {

                System.out.println("Let's run");
                System.out.println("Let's run");
                Assert.assertEquals(false, false);

                System.out.println("Let's run");
                System.out.println("Let's run");
        }
        @Test (priority = 6)

        void second() {
```

```java
        System.out.println("Let's Go");
        System.out.println("Let's Go");
        Assert.assertTrue(true);

        System.out.println("Let's Go");
        System.out.println("Let's Go");
}
@Test (priority = 5)

void thired() {

        System.out.println("Let's come");
        System.out.println("Let's come");
        Assert.assertEquals(true, true);

        System.out.println("Let's come");
        System.out.println("Let's come");
}
@Test (priority =3)

void fourth() {

        System.out.println("Let's Logout");
        System.out.println("Let's Logout");
    Assert.assertFalse(false);
    System.out.println("Let's Logout");
        System.out.println("Let's Logout");
}
@Test (priority =4)

void fifith() {

        System.out.println("Let's see");
        System.out.println("Let's see");

        Assert.assertEquals(false, true);

        System.out.println("Let's see");
        System.out.println("Let's see");


}
@Test (priority = 2)

void sixth() {

        System.out.println("Let's see");
        System.out.println("Let's see");
```

```java
            Assert.assertEquals(true, false);

            System.out.println("Let's see");
            System.out.println("Let's see");
    }
}
```

Page Object Model

```java
package DAY12POM;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
public class WAY2 {

    WebDriver driver;
    WAY2(WebDriver driver){
            this.driver = driver;
    }

    By username = By.xpath("//input[@name='name']");

    By lastname = By.xpath("//label[@'Last Name:']");

    By phone = By.xpath("//input[@name='phone']");

    By password = By.xpath("//input[@type='password']");

    By conpassword = By.xpath("//input[@name='c_password']");

    By login =  By.xpath("//input[@type='submit']");

    public void setusername(String user) {
            driver.findElement(username).sendKeys(user);
    }

    public void setlastname(String last) {
            driver.findElement(lastname).sendKeys(last);
    }

    public void setphone(String phonenumber) {
            driver.findElement(phone).sendKeys(phonenumber);
    }

    public void  setpassword(String password1) {
            driver.findElement(password).sendKeys(password1);
    }
```

```java
        public void setconpassword(String conpassword1) {
                driver.findElement(conpassword).sendKeys(conpassword1);
        }

        public void setlogin() {
                driver.findElement(By.xpath("//input[@type='submit']")).click();
        }
}
```

Run script

```java
package DAY12POM;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterClass;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeClass;
import org.testng.annotations.Test;

public class WAY2TEST {
        WebDriver driver;
        @BeforeClass
        void setup() {
                driver = new ChromeDriver();
                driver.get("https://way2automation.com/way2auto_jquery/registration.php#load_box");
        }
        @Test

        void test() throws InterruptedException {
                WAY2 wa = new WAY2(driver);
                Thread.sleep(2000);
                wa.setusername("shivam");
                Thread.sleep(2000);
                wa.setlastname("");
                Thread.sleep(2000);
                wa.setphone("");
                Thread.sleep(2000);
                wa.setpassword("");
                Thread.sleep(2000);
                wa.setconpassword("");
                Thread.sleep(2000);
                wa.setlogin();
        }
        @AfterClass
        void close() {

        driver.quit();
        }
}
```