AIM: To perform the data tables in cucumber

CODE:

Code for feature file in data table

# you will create a data table

# rows and columns = table

# the data in the rows & columns = data table

# It is always created in feature file

Feature: Create account on wiki page

Scenario: User creates account on wiki page using input from cucumber data table

Given User is on Create Account Page

Then User enters following details

| admin | admin@123 | admin@123 | admin@gmail.com |

| maya | admin@123 | admin@123 | maya@gmail.com |

| riya | admin@123 | admin@123 | riya@gmail.com |

| John | admin@123 | admin@123 | John@gmail.com |

| Marc | admin@123 | admin@123 | Marc@gmail.com |

Then Account creation is successfull

Scenario: User creates account on wiki page using input from cucumber data table

Given User is on Create Account Page

Then User enters following details using column name

| Username | Password | retype | Email ID|

| admin | admin@123 | admin@123 | admin@gmail.com |

| Kajal | admin@123 | admin@123 | Kajal@gmail.com |

| Priya | admin@123 | admin@123 | Priya@gmail.com |

| Siva | admin@123 | admin@123 | Siva@gmail.com |

| Chudee | admin@123 | admin@123 | Chudee@gmail.com |

Then Account creation is successfull

Code for test table class in cucumber

package steps;

import java.util.List;

import java.util.Map;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.datatable.DataTable;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

public class DataTableDemo {

WebDriver driver;

@Given("User is on Create Account Page")

public void user\_is\_on\_create\_account\_page() {

driver = new ChromeDriver();

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

driver.get("https://en.wikipedia.org/w/index.php?title=Special:CreateAccount&returnto=Wikipedia%3ASign+up&returntoquery=centralAuthAutologinTried%3D1%26centralAuthError%3DNot%2Bcentrally%2Blogged%2Bin");

}

@Then("User enters following details")

public void user\_enters\_following\_details(DataTable dataTable) {

List<List<String>> userList = dataTable.asLists(String.class);

for(List<String> e : userList)

{

// System.out.println(e);

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[1]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[1]"))

.sendKeys(e.get(0));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]"))

.sendKeys(e.get(1));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[3]"))

.sendKeys(e.get(2));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[4]"))

.sendKeys(e.get(3));

}

}

@Then("User enters following details using column name")

public void datatabledemoMaps(DataTable datatable)

{

List<Map<String, String>> userList = datatable.asMaps(String.class, String.class);

for(Map<String, String> e : userList) {

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[1]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[1]"))

.sendKeys(e.get("Username"));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]"))

.sendKeys(e.get("Password"));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[3]"))

.sendKeys(e.get("retype"));

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[2]")).clear();

driver.findElement(By.xpath("(//div[@class='cdx-text-input']/descendant::input[1])[4]"))

.sendKeys(e.get("Email ID"));

}

}

@Then("Account creation is successfull")

public void account\_creation\_is\_successfull() {

driver.close();

}

}

OUTPUT:

