**package** com.cg.step;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.support.PageFactory;

**import** com.cg.bean.Login;

**import** com.gargoylesoftware.htmlunit.javascript.host.dom.Document;

**import** cucumber.api.java.After;

**import** cucumber.api.java.Before;

**import** cucumber.api.java.en.Given;

**import** cucumber.api.java.en.Then;

**import** cucumber.api.java.en.When;

**public** **class** LoginStepDefinition2 {

**private** WebDriver driver;

**private** Login login;

@Before

**public** **void** init() {

System.*setProperty*("webdriver.chrome.driver", "lib\\chromedriver1.exe");

driver = **new** ChromeDriver();

}

@After

**public** **void** destroy() {

**if** (driver != **null**)

driver.quit();

}

@When("^User selects user type$")

**public** **void** user\_selects\_user\_type() **throws** Throwable {

login.selectUser(1);

}

@Then("^Validate User type$")

**public** **void** validate\_User\_type() **throws** Throwable {

login.onclick();

Thread.*sleep*(5000);

driver.switchTo().alert().accept();

Thread.*sleep*(5000);

}

@Given("^User is on login form$")

**public** **void** user\_is\_on\_login\_form() **throws** Throwable {

String url = "file:///C:/Users/abadadal/bdd/HelloBDD/html/login.html";

driver.get(url);

login = **new** Login();

PageFactory.*initElements*(driver, login);

}

@When("^User enters username$")

**public** **void** user\_enters\_username() **throws** Throwable {

// Find Username textbox and enter value

login.selectUser(0);

login.setUsername("abc");

}

@Then("^Validate Username$")

**public** **void** validate\_Username() **throws** Throwable {

// Find Username textbox and enter value

login.onclick();

Thread.*sleep*(5000);

driver.switchTo().alert().accept();

Thread.*sleep*(5000);

}

@When("^User enters password$")

**public** **void** user\_enters\_password() **throws** Throwable {

// Find Username textbox and enter value

login.selectUser(0);

login.setUsername("abcd");

login.setPassword("1234");

}

@Then("^Validate Password$")

**public** **void** validate\_Password() **throws** Throwable {

login.onclick();

Thread.*sleep*(5000);

driver.switchTo().alert().accept();

Thread.*sleep*(5000);

}

@When("^User enters role$")

**public** **void** user\_enters\_role() **throws** Throwable {

login.selectUser(0);

login.setUsername("abcd");

login.setPassword("1234");

login.selectRole(2);

}

@Then("^Validate role$")

**public** **void** validate\_role() **throws** Throwable {

login.onclick();

Thread.*sleep*(5000);

driver.switchTo().alert().accept();

Thread.*sleep*(5000); }

@When("^User submits form$")

**public** **void** user\_submits\_form() **throws** Throwable {

login.selectUser(0);

login.setUsername("abcd");

login.setPassword("1234");

}

@Then("^show successful alert$")

**public** **void** show\_successful\_alert() **throws** Throwable {

login.onclick();

Thread.*sleep*(5000);

driver.switchTo().alert().accept();

Thread.*sleep*(5000);

}

}

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login Page</title>

<script type=*"text/javascript"*>

**function** validate() {

**var** user = document.getElementById("user");

**var** uname = document.getElementById("username").value;

**var** pass = document.getElementById("password").value;

**var** role = document.getElementById("role").selectedindex;

**if** (user.checked == **false**)

alert("user is invalid");

**else** **if** (uname.length < 4)

alert("username is invalid");

**else** **if** (pass.length < 4)

alert("password is valid");

**else** **if** (role == 0)

alert("role is valid");

**else**

alert("login successful");

}

</script>

</head>

<body>

<form>

<table>

<tr>

<td><input id=*"user"* value=*"human"* name=*"user"* type=*"radio"*>Human</td>

<td><input id=*"user"* value=*"bot"* name=*"user"* type=*"radio"*>Bot</td>

</tr>

<tr>

<td>User Name</td>

<td><input id=*"username"*></td>

</tr>

<tr>

<td>PAssword</td>

<td><input id=*"password"* type=*"password"*></td>

</tr>

<tr>

<td>Role</td>

<td><select id=*"role"*>

<option>Select</option>

<option value=*"admin"*>Admin</option>

<option value=*"guest"*>Guest</option>

<option value=*"user"*>user</option>

</select></td>

</tr>

<tr>

<th colspan=*"2"*><input id=*"login"* type=*"button"*

onclick="validate()" value=*"login"*></th>

</tr>

</table>

</form>

</body>

</html>