**BDD CUCUMBER**

**Jar required**

Cucumber core 1.1.5, Cucumber html 0.2.3

Cucumber java 1.1.5, Cucumber junit 1.1.5

Cucumber jvm deps 1.0.3

Gherkin 2.1.2.1, Hamcrest all 1.3

(cucumber eclipse plugin) optional

Junit & selenium sever standalone/selenium

**Hierarchy**

@RunWith(Cucumber.class)

@Cucumber.Options(

format = {‘pretty’,’json:target/cucumber.json ’ },

features = {“src/cucumber/”} )

Public class CucumberRunner{ }

**Myfeature.feature**

Feature: To test contact form (optional but only one)

Scenario: Myfirst testn

Given I am on njit webpage

When I navigate to About

Then Check for page title About

**Stepdefinition.class**

public class Steps {

WebDriver driver;

@Before

public void driverSetup(){

driver = new FirefoxDriver();

}

@After

public void driverShutdown(){

driver.quit();

}

@Given ("^I am on njit webpage$")

public void opennjitsite(){ }

@When ("^I navigate to About$")

public void clickonabout(){ }

@Then ("^Check for page title About$")

public void verifyPageTitleAbout(){

}}

**Parameters handling**

**Feature file**

Scenario: Myfirst testn

Given I am on njit webpage

When I navigate to “About” <-parameters

Then Check for page title About

**Step def**

@When ("^I navigate to \”([^\”]\*)\”$")

public void clickonabout(String str1){

driver.findElement(By.xpath(".//li[@id='nav-about']/a")).click();

}

**Scenario DataTables**

Feature file

Scenario: Myfirst testn

Given I am on njit webpage

When I navigate to contact

And I populate the fileds

|Fields|Value|

|Name| Yuva |

|Email |yuva@gmail.com |

Then Check for page title About

**Step def**

@When ("^I navigate to \”([^\”]\*)\”$")

public void clickonContact(DataTable table){

list<list<String>> data = table.raw();

driver.findElement(By.xpath(".//li[@id=namefield’']/a")).sendKeys(data.get(1).get(1));

}

**Scenario Outline Data tables**

Feature file

Scenario: Myfirst testn

Given I am on njit webpage

When I navigate to <Link>

Then Check for page <Title>

Examples:

|Link|Title|

|about | about\_title |

|Admissions |addmissions\_title |

**Step def**

@When ("^I navigate to ([^\”]\*)$")

public void clickon(String str1){

driver.findElement(By.xpath(".//li[@id='nav-about']/a")).click();

}

**Scenario Hooks**

@Before,@After normal hooks

@Before(“@tagname”),@After(“@tagname”) tagged hooks

**Cucumber reporting**

Html/ json

In Cucumber.options

Format = {“pretty”, “html:target/html/” }

Format = {“pretty”, “json:target/result.json”}