**BDD Flow:**



**Steps:**

1. Create maven Project and import dependencies
2. Create feature file(Test Scripts)
3. Create Step Definitions
4. Create Junit Test Runner
5. Gherkin will parse each step in a step def. file. So the steps mentioned in feature file and step def. file should match.

**Maven Dependencies:**

|  |  |  |
| --- | --- | --- |
| GroupId | Artifact | Version |
| org.springframework | spring-test | 4.1.7.RELEASE |
| org.springframework | spring-context-support | 4.1.7.RELEASE |
| org.springframework | spring-oxm | 4.1.7.RELEASE |
| org.springframework | spring-jdbc | 4.1.7.RELEASE |
| org.seleniumhq.selenium | selenium-java | 2.47.1 |
| info.cukes | cucumber-java | 1.2.5 |
| info.cukes | cucumber-junit | 1.2.5 |
| info.cukes | cucumber-spring | 1.2.5 |
| net.masterthought | maven-cucumber-reporting | 0.0.6 |
| org.fluttercode.datafactory | datafactory | 0.8 |
| Junit – scope - test | Junit | 4.11 |

**Gherkin Keywords:**

**Feature** – Login Functionality of a site.

**Given** I am a site user.

**When** I enter username as username1.

**And** I enter password as password1.

**Then** I should be redirected to homepage of site.

This is a scenario.

Some other Keywords are:

**Background, But, \*, Scenario Outline, Examples**

**Flow of a Cucumber App:**



**TestRunner.java:**



**Login.Feature:**