**Cucumber: is framework which follows BDD Approach to develop or test the application is called as Cucumber**

**BDD🡪Behaviour Driven Development**

**BDD: Testing the application Based on the behaviour is called as BDD**

**A diagram of a diagram

Description automatically generated**

**Cucumber Workflow:**

**A diagram of a product

Description automatically generated**

**How to create Cucumber Project:**

**Step1:**

**1.filemenu--new-project---select mavenfolder---select Mavenproject-next**

**2.next--filterinputField---org.apache.maven---select artifactid--maven-archetype--quickstart--1.4-next**

**3.enter details--groupid--anyname--ArtifcateId--projectname--clcik on finish**

**4.console--- press the char 'y'**

**Step2:**

**Add dependency:--maven repository**

**google--search as --Maven Repository---click on the firstlink—**

**search box--type as --selenium--select first--list of version--4.11.0**

## **Searchbox—cucmber**

## [**Cucumber JVM: Java**](https://mvnrepository.com/artifact/io.cucumber/cucumber-java) **---6.9.0**

## [Cucumber JVM: JUnit 4](https://mvnrepository.com/artifact/io.cucumber/cucumber-junit)---6.9.0

**click--copy depency tag---open POM.XML file-----**

**<dependencies>**

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.11.0</version>

</dependency>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-java</artifactId>

<version>6.9.0</version>

</dependency>

<dependency>

<groupId>io.cucumber</groupId>

<artifactId>cucumber-junit</artifactId>

<version>6.9.0</version>

<scope>test</scope>

</dependency>

**</dependencies>**

**Step3: Add plugin in to eclipse ide:---Cucumber**

**click--helpmenu--eclipseMarket--search box--type as "cucumber"---option called as installed**

**Step4: convert maven project----cucumber project**

**Right click on Project🡪select option🡪configure🡪covert to Cucumber Project**

**Step5: create the packages**

**1.featureFile---Folder-----right click on the project-->option—New🡪Sources Folder----src/test/Feature File**

**2. src/test/java ----creating package-----name as “stepdefination”**

**---rightclick—src/test/java—option package—“ stepdefination”**

**3. src/test/java ----creating package----name as “Testrunner”**

**---rightclick—src/test/java—option package—“ testrunner”**

**How to create a feature File?**

**Click on feature folder🡪new🡪File---enter the file name ex: login.feature**

**Feature File keywords:**

**Feature---this keyword is used to describe about the feature**

**Scenario:--this keyword is used to describe/description the testcase/testscript**

**Given: Some precondition step**

**When: Some key actions**

**Then: To observe outcomes or validation**

**And: combing of two sentences**

**but----negative sense**