So what’s Cucumber?

* It lets software development teams describe how software should behave in plain text
* The text is written in a business-readable domain-specific language (BDD)
* It serves as documentation, automated tests, and a development aid all in one
* This is called Gherkin
* Provides an easy way to automate testing with web browser with Selenium/Capybara/Friends
* Supported Programming Languages : Ruby, Java, Scala, Groovy, .NET, Python, PHP, C++, Gosu, Javascript, Tcl, Lua, Clojure, Rhino Javascript, Jython
* Supported Framework Integration : Ruby on Rails, Selenium, PicoContainer, Spring Framework, Watir

Basic Unit: The Feature

* Common Language
* Given, When, Then syntax

GIVEN

* Given gets you to the starting line.
* In the given step, we get the system to a known state
* “Given I’m a user”, “Given I’m a user and on the home page”.

WHEN

* When describes the thing you’re testing
* “When I fill in the form”, “When I click the more info link”.

THEN

* Then describes the observable outcome.
* Then is where your test fails or succeeds.
* You observe something that should or shouldn’t happen and pass/fail

SAMPLE:

Feature: Log in from Home Page

Background:

Given I am on the Home Page

Scenario: Clicking Login

When I click Login

Then I should see the title “Catering”