QA Demo with Robot Framework and Selenium2Library

This is a QA demo, using Robot Framework (RIDE IDE) open source automation framework and Selenium2Library test library.

Robot Framework-RIDE runs python compiler

1. Test Automation Framework is: Robot Framework
2. Unit Test Framework: PyUnit unit testing framework for Python
3. Continuous Integration: Jenkins

**BDD.robot:** A test suite with a single Gherkin style test. The functionality description is given below.

A resource file with reusable keywords and variables is not used since it is a simple example. They are included as part of the test script.

They utilize keywords provided by the imported Selenium2Library

**Running BDD.robot:**

* Run from command prompt: pybot BDD.robot
* The browser used is Firefox
* The URL is: https://demoqa.cpm/registration

BDD.robot generates a log file and a report called, log.html and report.html

**Preconditions:**

* A precondition for running the tests is having [Robot Framework](http://robotframework.org/) and [Selenium2Library](https://github.com/robotframework/Selenium2Library) installed, and they in turn require [Python](http://python.org/).
* Robot Framework [installation instructions](https://github.com/robotframework/robotframework/blob/master/INSTALL.rst) cover both Robot and Python installations.
* Selenium2Library has its own [installation instructions](https://github.com/robotframework/Selenium2Library/blob/master/INSTALL.rst).

**Feature:** Registration test

**Description:** This feature will test successful registration

**Scenario:** Successful registration with valid login information (Happy Case)

* Given I have launched the browser and I have opened the registration page
* WHEN I have entered the registration information and I have pressed submit button
* THEN I should see the thank you message

Keywords:

1. I have launched the browser
2. I have opened the registration page
3. I have entered the registration information
4. I have pressed submit button
5. I should see the thank you message
6. Page does not contain missing field error message
7. Page does not contain password length error message