**Xpanxion Entry Level SDET Examination**   
*(using Java, Selenium)*

For this examination, you will be given a set of requirements to review. You will then be asked to build automated tests to test the requirements, using Java, JUnit, TestNG, and Selenium WebDriver. The goal of this exam is to identify knowledge of tools and best practices while writing automated tests.

We have created a small framework for you to use. You may use git to clone the framework. See below:

**JUNIT: git clone** [**https://bitbucket.org/lopezton/xpx-java-selenium-simple-framework.git**](https://bitbucket.org/lopezton/xpx-java-selenium-simple-framework.git) **-b junit  
TESTNG: git clone** [**https://bitbucket.org/lopezton/xpx-java-selenium-simple-framework.git**](https://bitbucket.org/lopezton/xpx-java-selenium-simple-framework.git) **-b testng**

Starting from the time you receive this document you will have 1 week to complete this examination. If you have any questions, please reach out to your proctor. Be sure to use best practices… and good luck!

**Requirements**

1. Write a test that will ensure the user is able to successfully navigate from the <http://xpanxion.com> Home page to the 5 other main pages (About, Approach, Services, Career, and Contact), by clicking the respective link found in the header. Please use the **Page Object** pattern to implement your solution.
2. Create an automated test that will test a section of the footer to ensure the links are both functional and correct. Links should be tested from the Homepage. If you are able, please utilize a .csv file. The items that should be tested are:  
   1. ABOUT (http://xpanxion.com/about.html)
      1. OUR STORY (http://xpanxion.com/about.html)
      2. LOCATIONS (http://xpanxion.com/locations.html)
      3. MISSION (http://xpanxion.com/mission.html)
      4. NEWS (http://xpanxion.com/news.html)
3. Create an automated test that navigates to <http://xpanxion.com/contact.html>, clicks the “Submit” button”, and validates that the user receives error messages on the page. The following fields should have their color changed to #d7244c (or *rgba(215, 36, 76, 1)*):  
   1. Name
   2. Email
   3. Cell Phone