**Coding Exercise : Software Test Engineer**

Thank you for your time and consideration of this position on the Digital Retailing team at Cox Automotive. Below is a test automation coding exercise for candidates.   
  
The link below is to a demo Vehicle Detail Page that displays the Digital Retailing experience. You can see a screenshot at the bottom of this document.

**LINK:**

<https://lexus.roimotors.com/new/LEXUS/2018-LEXUS-GS+350-9478ae060a0a00f93a13f68a2e7fb412.htm>

**ASK:**

* With the link provided, create a test and upload your code to GitHub so that we can download your solution and run it locally.

**GUIDELINES:**

* Use the Page Object Model (if you are familiar with it) to write this test.
* Write the test in whatever language you want
* Make sure that the test runs against Chrome and Firefox
* Make sure that the code is easily downloadable and easy to run locally.

**TEST PROBLEMS:**

* As a customer you have $51,000 to offer a dealer for this vehicle.  Update the Offer Price field to $51,000.
* As a customer you only have $2500 as a down payment and your credit score is 700.  Update the Cash Down and Credit Score field to display the correct values.
* As a dealer I need the customer information in order to contact them regarding the quote.
* After clicking on Ready To Send you will need to do the following:
  + Enter a Zip Code
  + Create a simple method to randomly generate a 'n' character string to use in the next step.
  + Enter the First Name, Last Name and Message (using the method created above)
* Enter an Email and Phone Number
* As a customer I would like to confirm that the dealer is getting the correct summary of pricing from me.  Verify that the Cash Down value is correct on the right side of the screen
* As a customer I would like to confirm that my offer has been sent.  Click on Send My Offer and wait for the 'Protect Your Vehicle' page to be displayed

Below is screenshot of the demo page for the exercise.

<test name="Test\_Cases\_in\_Chrome" >

<parameter name="BrowserType" value="chrome"/>

<classes>

<class name="TestCases.TestCases" />

</classes>

</test>

