# RPM Software 2020 Coding Assignment for Test Developer position.

## **Introduction**:

The following exercise is designed to test your ability to automate the testing of a web page that contains form inputs. It simulates the following scenariofor a fictional company called ACME:

* The ACME corporation has an employee registration form that asks the user for certain details and on clicking submit it stores the entered data and displays it back to the user.
* This test requires that you automate this process to ensure it works as expected by first filling in the form, then submitting the data, and finally verifying that the data displayed matches what was sent.
* This is all simulated (all the data displayed is static) so it is very important that the data sent is exactly what the instructions indicate you should send.

## **Instructions**:

#### Mandatory Task:It is compulsory to complete the below list of steps:1-5.

1. Go to the employee registration page for the ACME corporation.

<https://rpmsoftware.com/hiring/2020/integration-test/form-edit.html>

1. Enter the below details in the employee registration form:

|  |  |
| --- | --- |
| Field | Data |
| Employee Name | Isabel Britt |
| Summary | This is a test Employee Summary. |
| Department | Management |
| Salary | $50,000.00 |
| Address | Lat: 34.833850°  Long:106.748580° |
| Work Location | Headquarters |
| Date of Joining | Jan 4, 2018 |
| Date of Termination | *Leave this blank.* |
| Is the employee still active? | Select ‘Yes’ |
| Employee Cubicle needs | Length: 47 Inches  Width: 21 Inches  Color: Brown |
| Car Details | **Car 1:**  Brand: Ford  Model: Taurus  Model Year: 2018  Trim: SEL  Colour: Black  License Plate: TEST-0001  **Car 2:**  Brand: Ford  Model: F150  Model Year: 2015  Trim: XLT  Colour: Red  License Plate: Test-0002  **Car3:**  *Leave it blank.* |

1. Click on the ‘**Submit’** button. Validate that the user is navigated to the below page:

[https://rpmsoftware.com/hiring/2020/integration-test/form.html#](https://rpmsoftware.com/hiring/2020/integration-test/form.html)

1. Validate/Assert that the data displayed on the Employee details page is exactly as entered in the form in step 2.
2. If you find any mismatch between the data displayed on the details page and the data entered in the form, report it as an issue in the below format. You can update this in the Read-me section of your repository on GitHub.
   1. Issue Heading:
   2. Issue Description:
   3. Expected Behaviour:

#### Optional Task: It is not compulsory to complete the below step-6. It is optional and nice-to-have.

1. Validate/assertthe below on the employee details page:
   1. The Employee name is displayed as a header on the page.
   2. The ‘**Address’**field has data in the format: xxx.xxxxxx °, xxx.xxxxxx°. The field has a link‘Map’ that takes the user to this location in Google Maps.

## **Requirements**:

1. Use **Python + Selenium** or**Ruby+ Watir**to complete this assignment.