Quality Assurance Assignment

Your team has received the following User Story for the next sprint:

**User Story**

**Background:**

The Administrator of “Tools And Materials” website should be able to register a new tool in the system.

**Design specification:**

The form “Register a new Tool” should contain inputs for:

* Admin
* Date and time
* Name of the tool
* Description
* An image of the tool

**Acceptance Criteria:**

After submitting the form a new tool should appear in the list of tools.

**Please do the following:**

1. Review the user story, and based on the provided information answer the following questions:

* Is there enough information for the Development and Testing?
  + No
* If there’s not enough information, what is missing?
  + Only the administrator can register a tool?
  + If not, what other person can perform a tool registry?
  + Should the administrator assign an identifier to the tool?
  + Are the tools separated into categories?
  + Can they register several tools of the same type at the same time?
  + If there is an equal tool, will it replace or be added as a different?

2. How can the user story be improved?

* The date and time element can be filled in automatically and thus the form field can be removed.
* The system can assign identifiers to the tools that are automatically registered.
* A maximum size allowed to upload a photo must be specified.

3. Write a checklist on what has to be tested.

* The administrator or failing that an authorized person must be identified in the form or with a login process.
* Only letters and numbers must be accepted in the name field
* The description field must be of a certain length
* the image must not exceed a certain maximum size
* the image must be associated with the registered element and if it is more than one, it will remain to all the elements that are registered at the same time.
* The register button will only be available when all fields are filled in properly.
* When the “submit” button is clicked, a message should be displayed where the user will be notified that the tool was registered successfully.

Automation Assignment

Using WebdriverIO which is a JavaScript based Automation framework, build a custom framework for UI test automation of Enroute website, make use of Cucumber.

As a POC, implement a scenario for contacting Enroute using the Reach out to us form.

Scenario:

1. Open the main page: http://www.enroutesystems.com/

* Verify the page is opened

2. Scroll to the “What we offer” section

* Verify each tab has a heading and a description

3. Navigate to the Contact page

* Verify the page is opened

4. Fill all the fields

* Name (Full Name)
* Email
* Subject (Automation Assignment)
* Message: “This is an automation message created for the Automation Assignment”

5. Verify the Send button is enabled

Note: Do not perform a click action on the send button