**Test Plan:**

1. **Feature to be tested**: A form: <https://www.ipswitch.com/test-form-page> with the following fields:

* First name:
* Last name
* Email
* Phone Number
* Company
* Product Interest
* Country
* State
* Message

All the fields are mandatory except State field which is shown only when Country is set to USA or Canada. All text fields should have max length set to 55 characters except the Message field with 255 characters.

1. **Feature not to be tested:**

* The checkbox that is shown for GDPR compliant countries.
* Field prefills.

1. **Test Types:**

* Functional testing: to verify whether the product meets the intended functional specifications mentioned in your development documentation.
* Compatibly testing: to test the product in different browsers (and ensure the form is displaying properly.
* Usability testing: to perform User-friendliness check.

1. **Test Environment:**

* Setup the testing environment in order to perform manual and automation testing using Selenium WebDriver

1. **Estimation:**

* Create manual test cases: 8h
* Perform test execution and defect report: 8h
* Create automated tests: 16h

**Total**: 32h

**Test Cases**

**Prerequisites:**

* Every test case should be executed on the following URL:<https://www.ipswitch.com/test-form-page>
* All the test cases should be executed on Chrome, Firefox, IE and Safari. Also on mobile devices: Android and iOS devices.

1. **Submit the form with valid data** - **Pass**

* Enter First Name: test
* Enter Last Name: test
* Enter Email: test@aa.aa
* Enter Phone Number: 123456
* Enter Company: test
* Select Product Interest: iMacros
* Select Country: Bulgaria
* Enter Message: test
* Press “Contact Us” button

**Expected Result:** The form should be successfully submitted and the following message should be shown: *“Thank you for filling out our form.”*

1. **Submit an empty form - Pass**

**Expected Result**: There should be shown validation messages below each field in red with asterisk.

First Name: First Name is Required

Last Name: Last Name is Required

Email: Enter a Valid Business Email Address [example@yourdomain.com](mailto:example@yourdomain.com)

Phone Number: Business Phone is Required

Company: Organization is Required

Product Interest: This Field is Required.

Country: Country is Required

Message: This Field is Required.

1. **Submit the form using special characters in any text field** - **Fail**

* Enter First Name: test$
* Fill out the rest of the fields with valid data.

**Expected Result:** There should be shown an error message below the First Name field: First Name field input is invalid

1. **Submit the form using invalid email** - **Pass**

* Enter Email: test
* Fill out the rest of the fields with valid data.

**Expected Result:** There should be shown an error message below the Email field: Enter a Valid Business Email Address [example@yourdomain.com](mailto:example@yourdomain.com)

1. **Submit the form using letters in Phone Number field** - **Pass**

* Enter Phone Number: test1234
* Fill out the rest of the fields with valid data

**Expected Result**: There should be shown an error message below the Phone Number field: Phone Number field input is invalid

1. **Submit the form when Country is set to USA/Canada** - **Pass**

* Select USA/Canada as a country.
* Select State/Province

**Expected Result:**

State/Province field is shown.

The form should be successfully submitted and the following message should be shown: *“Thank you for filling out our form.”*

1. **Check if the Product Interest list is ordered alphabetically** – **Fail**

* Click on Product Interest field

**Expected Result:** The Product Interest list should be ordered alphabetically.

1. **Check if the Country list is ordered alphabetically** – **Pass**

* Click on Country field

**Expected Result**: The Country list should be ordered alphabetically.

1. **Submit the form using 55 characters for any text field except the message field - Pass**

* Enter First Name: testttttttttttttttttttttttttttttttttttttttttttttttttttt
* Fill out the rest of the fields with valid data.

**Expected Result:** The form should be successfully submitted and the following message should be shown: *“Thank you for filling out our form.”*

1. **Submit the form using more than 55 characters for any text field except the message field - Fail**

* Enter First Name: testttttttttttttttttttttttttttttttttttttttttttttttttttttt
* Fill out the rest of the fields with valid data.

**Expected Result:** There should be shown an error message below the First Name field: First Name field input is too long.

1. **Submit the form using 255 characters for the message field - Pass**

* Enter Message: tetestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttt
* Fill out the rest of the fields with valid data.

**Expected Result:** The form should be successfully submitted and the following message should be shown: *“Thank you for filling out our form.”*

1. **Submit the form using more than 255 characters for the message field - Fail**

* Enter Message: tetestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttttttttttttttttttttttttttttttttttestttttttttttttttttttttttt
* Fill out the rest of the fields with valid data.

**Expected Result:** There should be shown an error message below the Message field: Message field input is too long

**Defects**

1. **A validation message is shown below each field after using a special character in one field**

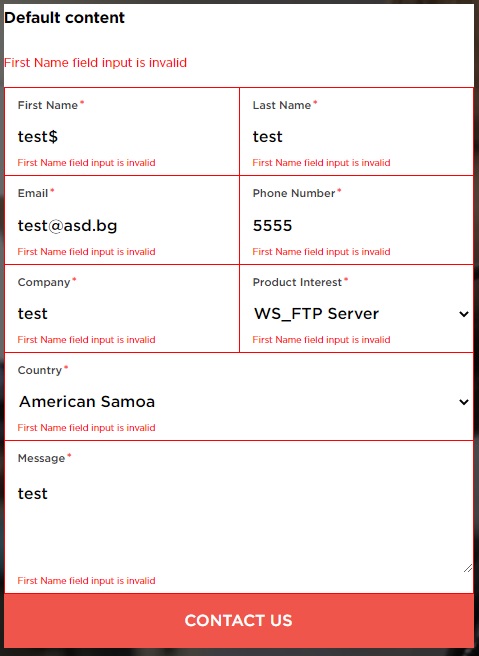
**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Enter First Name: test$
* Fill out the rest of the fields with valid data.
* Click on “Contact Us”.

**Actual Result**: A validation message is shown below each field.

**Expected Result**: There should be shown an error message below the First Name field: First Name field input is invalid.

Additional info: Reproduced in all browsers + Android and iOS.

Please check the screenshot below

1. **The user is able to submit the form using more than 55 characters in any text field (еxcluding the Message field)**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Enter First Name: testttttttttttttttttttttttttttttttttttttttttttttttttttttt
* Fill out the rest of the fields with valid data.
* Click on “Contact Us”.

**Actual Result:** The form is submitted successfully.

**Expected Result:** There should be shown an error message below the First Name field: First Name field input is too long.

1. **The user is able to submit the form using numbers in First Name and Last Name fields.**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Enter First Name: 12345
* Fill out the rest of the fields with valid data.
* Click on “Contact Us”.

**Actual Result:** The form is submitted successfully.

**Expected Result:** There should be shown an error message below the First Name field: First Name field input is invalid

1. **Wrong page description**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Check the html of the page.
* Search for “description”

**Actual result**: The page description is: “Contact the sales department at Ipswitch to learn more about our industry leading file transfer and network monitoring software”.

**Expected result**: The page description should be: “Test Ipswitch Form description”

1. **Product Interest list drop down is not ordered alphabetically**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Click on Product Interest drop down

**Actual result:** The Product Interest options are not ordered alphabetically.

**Expected result**: The Product Interest options should be ordered alphabetically.

1. **The form remains filled with data after a successful submission – Firefox**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Fill out the form with valid data.
* Submit
* Refresh the page

**Actual result**: The form remains filled with the same data

**Expected result**: The form should be empty

Additional info: Reproduced only on Firefox

1. **IE – After a successful submission the form remains frozen**

**Steps to reproduce:**

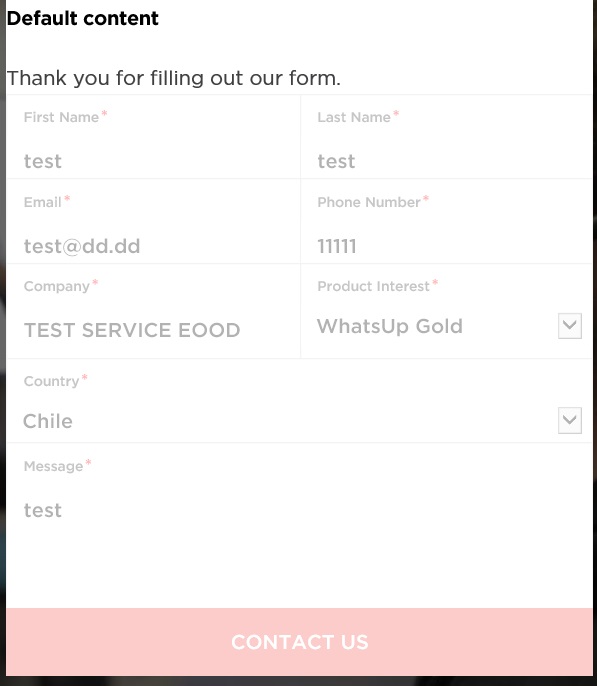
* Go to: <https://www.ipswitch.com/test-form-page> with IE
* Fill out the form with valid data.
* Click on “Contact Us”.

**Actual result:** The form remains frozen and only after a mouse cursor move the page get refreshed.

**Expected result:** The page should be refreshed after submitting the form.

Additional info: Reproduced only on IE.

Please check the screenshot below:



1. **The user is able to submit the form using more than 255 characters in the message field.**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Enter Message using more than 255 characters.
* Fill out the rest of the fields with valid data.
* Click on “Contact Us”.

**Actual Result:** The form is submitted successfully.

**Expected Result:** There should be shown an error message below the Message field: Message field input is too long.

1. **Incorrect title (“Default content”) on top of the Form**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>

**Actual result**: There is an incorrect title on top of the Form: “Default content”.

**Expected result**: There should be a title of the Form: “Progress Support”.

1. **Select option is shown as a value to choose in Product Interest and Country drop down.**

**Steps to reproduce:**

* Go to: <https://www.ipswitch.com/test-form-page>
* Click on Product Interest/Country drop down

**Actual result**: Select option is shown as a value to choose

**Expected result**: Select option should not be among the options to choose.