# 1) Contact Us page Testing

## Decision Tables

In these tables we list the test cases combinations for testing Contact Us page. The tables are divided into 2 classes, one class for valid form submission and the other class for invalid form submission. All tests are based on that required fields are Email, Subject Heading, Message and the optional field are Order Reference and File Upload.

**Summary for tables**

* **Total Valid Cases**: 4
* **Total Invalid Cases**: 8

The keys for the tables are listed below:

**Key**: ✓ indicates a field is filled correctly.

**Key**: - indicates the field is left empty.

**Key**: ✗ indicates an invalid entry for the email field.

**Key**: Random indicates any value (either filled or left empty) for non-required fields.

Note: The purpose of these tables is to illustrate the way we generated the test cases. You can access the test cases documentation in [**Test Cases**](#_Test_Cases) section.

### Valid Tests

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scenario # | Email | Subject Heading | Message | Order Reference | File Upload | Expected Result |
| 1 | ✓ | ✓ | ✓ | |  | | --- | | - |  |  | | --- | |  | | |  | | --- | | - |  |  | | --- | |  | | Form submission succeeds |
| 2 | ✓ | ✓ | ✓ | ✓ | |  | | --- | | - |  |  | | --- | |  | | Form submission succeeds |
| 3 | ✓ | ✓ | ✓ | - | ✓ | Form submission succeeds |
| 4 | ✓ | ✓ | ✓ | ✓ | ✓ | Form submission succeeds |

### Invalid Tests

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scenario # | Email | Subject Heading | Message | Order Reference | File Upload | Expected Result |
| 1 | - | ✓ | ✓ | Random | Random | Error: Missing email |
| 2 | ✓ | - | ✓ | Random | Random | Error: Missing subject heading |
| 3 | ✓ | ✓ | - | Random | Random | Error: Missing message |
| 4 | - | - | ✓ | Random | Random | Error: Missing email, subject heading |
| 5 | - | ✓ | - | Random | Random | Error: Missing email, message |
| 6 | ✓ | - | - | Random | Random | Error: Missing subject heading, message |
| 7 | - | - | - | Random | Random | Error: Missing all required fields |
| 8 | - | ✓ | ✓ | Random | Random | Error: Missing email |

## Test Cases

| Scen# | Scenario Description | Test Data | Test Conditions/Steps | Expected Results/Comments | Actual Results | Pass/Fail |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Submit with required fields only | Email: valid@example.com, Subject Heading: Customer service, Message: 'This is a test message' | 1. Set required fields. 2. Click Submit. | Success message: 'Your message has been successfully sent to our team.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 2 | Submit with required fields and Order Reference | Email: valid@example.com, Subject Heading: Customer service, Message: 'This is a test message', Order Reference: '12345' | 1. Set required fields and Order Reference.  2. Click Submit. | Success message: 'Your message has been successfully sent to our team.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 3 | Submit with required fields and File Upload | Email: valid@example.com, Subject Heading: Customer service, Message: 'This is a test message', File Upload: test1.png | 1. Set required fields and upload file. 2. Click Submit. | Success message: 'Your message has been successfully sent to our team.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 4 | Submit with all fields | Email: valid@example.com, Subject Heading: Customer service, Message: 'This is a test message', Order Reference: '12345', File Upload: test1.png | 1. Set all fields. 2. Click Submit. | Success message: 'Your message has been successfully sent to our team.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 5 | Missing Email | Subject Heading: Customer service, Message: 'This is a test message' | 1. Leave Email empty. 2. Set remaining required fields. 3. Click Submit. | Error message: 'Invalid email address.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 6 | Missing Subject Heading | Email: valid@example.com, Message: 'This is a test message' | 1. Leave Subject Heading empty. 2. Set other fields. 3. Click Submit. | Error message: 'Please select a subject from the list provided.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 7 | Missing Message | Email: valid@example.com, Subject Heading: Customer service | 1. Leave Message empty. 2. Set other fields. 3. Click Submit. | Error message: 'The message cannot be blank.' | Success message: 'Your message has been successfully sent to our team.' | pass |
| 8 | Missing Email and Subject Heading | Message: 'This is a test message' | 1. Leave Email and Subject Heading empty. 2. Set Message. 3. Click Submit. | Error messages: 'Invalid email address.' and 'Please select a subject from the list provided.' | Error message: 'Invalid email address.' | fail |
| 9 | Missing Email and Message | Subject Heading: Customer service | 1. Leave Email and Message empty. 2. Set Subject Heading. 3. Click Submit. | Error messages: 'Invalid email address.' and 'The message cannot be blank.' | Error message: 'Invalid email address.' | fail |
| 10 | Missing Subject Heading and Message | Email: valid@example.com | 1. Leave Subject Heading and Message empty. 2. Set Email. 3. Click Submit. | Error messages: 'The message cannot be blank.' and 'Please select a subject from the list provided.' | Error message: 'The message cannot be blank.' | fail |
| 11 | Missing All Required Fields | None | 1. Leave all required fields empty. 2. Click Submit. | Error messages: 'Invalid email address.', 'Please select a subject from the list provided.', 'The message cannot be blank.' | Error message: 'Invalid email address.' | fail |
| 12 | Invalid Email Format | Email: invalid-email, Subject Heading: Customer service, Message: 'This is a test message' | 1. Set invalid Email format. 2. Set other fields. 3. Click Submit. | Error message: 'Invalid email address.' | Error message: 'Invalid email address.' | pass |