

# Ifrat Jahan Chowdhury Ima

Test cases for each field of the E-Passport contact form:

## **Application ID:**

- **Test Case 1:** The user enters a valid Application ID.
- **Expected Outcome:** The Application ID should be accepted and the user should be able to proceed to the next step.
- **Test Case 2:** The user enters an invalid Application ID.
- **Expected Outcome:** The Application ID should not be accepted and the user should be presented with an error message.
- **Test Case 3:** The user enters a blank Application ID.
- **Expected Outcome:** The Application ID should not be accepted and the user should be presented with an error message.

## **Online Registration ID:**

- **Test Case 1:** The user enters a valid Online Registration ID.
- **Expected Outcome:** The Online Registration ID should be accepted and the user should be able to proceed to the next step.
- **Test Case 2:** The user enters an invalid Online Registration ID.
- **Expected Outcome:** The Online Registration ID should not be accepted and the user should be presented with an error message.
- **Test Case 3:** The user enters a blank Online Registration ID.
- **Expected Outcome:** The Online Registration ID should not be accepted and the user should be presented with an error message.

## **Name:**

- **Test Case 1:** The user enters their name in all caps.

- **Expected Outcome:** The user's name should be displayed in all caps in the confirmation email.
- **Test Case 2:** The user enters their name in a foreign language.
- **Expected Outcome:** The user's name should be displayed in the same language in the confirmation email.
- **Test Case 3:** The user enters their name in a format that is not accepted by the form.
- **Expected Outcome:** The user should be presented with an error message that their name is not in the correct format.
- **Test Case 4:** Full Name with special characters Input.
- **Expected Output:** The system should display an error message indicating that the Full Name cannot contain special characters.
- **Test Case 5:** Full Name with excessive length Input.
- **Expected Output:** The system should display an error message indicating that the Full Name exceeds the maximum character limit.
- **Test Case 6 :** Full Name with multiple spaces between words Input.
- **Expected Output:** The system should accept the Full Name with multiple spaces between words without displaying any error message.
- **Test Case 7:** Full Name with only one word Input.
- **Expected Output:** The system should display an error message indicating that the Full Name should include both the first name and last name.
- **Test Case 8:** Full Name with empty field Input
- **Expected Output:** The system should display an error message indicating that the Full Name field is required and cannot be empty.
- **Test Case 9:** Full Name with valid special characters (e.g., hyphen or apostrophe)
- **Expected Output:** The system should accept the Full Name with valid special characters without displaying any error message.

## **Email Address:**

- **Test Case 1:** The user enters an invalid email address.

- **Expected Outcome:** The user should be presented with an error message that their email address is invalid.
- **Test Case 2:** The user enters their email address in all caps.
- **Expected Outcome:** The user's email address should be displayed in all caps in the confirmation email.
- **Test Case 3:** Email Address with missing "@" symbol Input
- **Expected Output:** The system should display an error message indicating that the Email Address is invalid.
- **Test Case 4:** Email Address with missing domain Input
- **Expected Output:** The system should display an error message indicating that the Email Address is incomplete.
- **Test Case 5:** Email Address with uppercase letters
- **Expected Output:** The system should accept the Email Address with uppercase letters without displaying any error message.
- **Test Case 6:** Email Address with excessive length Input
- **Expected Output:** The system should display an error message indicating that the Email Address exceeds the maximum character limit.

## Message:

- **Test Case 1:** The user enters a message that is too long.
- **Expected Outcome:** The user should be presented with an error message that their message is too long.
- **Test Case 2:** The user enters a message that is blank.
- **Expected Outcome:** The user should be presented with an error message that they must enter a message.
- **Test Case 3:** The user enters a message that contains profanity.
- **Expected Outcome:** The user's message should be filtered out and not sent to the contact form recipient.

## Captcha:

- **Test Case 1:** Verify that the CAPTCHA is displayed correctly.
- **Test Case 2:** Verify that the CAPTCHA is secure.
- **Test Case 3:** Verify that the CAPTCHA works correctly with different browsers and devices.
- **Test Case 4:** Verify that the CAPTCHA works correctly if the user's internet connection is slow.
- **Test Case 5:** Verify that the CAPTCHA works correctly under heavy load.

## **Post Request:**

- **Test Case 1:** Verify that the button is visible.
  - ✓ The button should be visible on the page and should be clearly distinguishable from other elements on the page.
- **Test Case 2:** Verify that the button is functional. When the button is clicked, the form should be submitted
- **Test Case 3:** Verify that the button is enabled when all required fields are filled out.
  - ✓ The button should be enabled when all required fields on the form have been filled out.
- **Test Case 4:** Verify that the button is disabled when required fields are not filled out.
  - ✓ The button should be disabled when any required fields on the form have not been filled out.
- **Test Case 5:** Verify that the button sends the correct data to the server.
  - ✓ When the button is clicked, the form data should be sent to the server in the correct format.
- **Test Case 6:** Verify that the button is secure.
  - ✓ The button should be secure so that the form data cannot be intercepted by malicious users.

