

# TEST CASES → UI

- TEST CASE No.1: Open up the website [SMOKE]

**Description:** Verify that the user can access the website.

**Preconditions:** The user has an internet connection.

	Steps	Expected Result
1.	Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded.

- TEST CASE No.2: Sign up with valid credentials [SMOKE]

**Description:** Verify that the user can successfully sign up with valid details.

**Preconditions:** The website is loaded and the Sign Up page is accessible.

	Steps	Expected Result
1.	Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded.
2.	Click on the 'Sign up' button.	The Sign-Up form displays the following fields: First Name, Last Name, Email, Password, and buttons for Submit and Cancel.
3.	Fill out the sign-in form with valid data [First and last name, password, and email]	The form is successfully completed, and the entered data is correctly populated in the respective fields.
4.	Click on the 'Submit' button.	The account is created and the user is redirected to the dashboard.

- **TEST CASE No.3:** Sign up with invalid credentials [SMOKE]

**Description:** Verify that the system displays appropriate error messages and prevents sign-up when invalid data is entered.

**Preconditions:** The website is loaded and the Sign Up page is accessible.

	Steps	Expected Result
1.	Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded.
2.	Click on the 'Sign up' button.	The Sign-Up form displays the following fields: First Name, Last Name, Email, Password, and buttons for Submit and Cancel.
3a.	Leave the First Name or Last Name fields empty.	An error message " <b>User validation failed: firstName: Path `firstName` is required</b> " or " <b>User validation failed: lastName: Path `lastName` is required.</b> " is displayed and the user isn't signed in.
3b.	Enter an invalid email format.	An error message " <b>User validation failed: email: Email is invalid</b> " is displayed and the user isn't signed in.
3c.	Enter a Password that does not meet the requirements [shorter than acceptable]	An error message " <b>User validation failed: password: Path `password` ('1234') is shorter than the minimum allowed length (7)</b> " is displayed and the user isn't signed in.
3d.	Enter a Password that does not meet the requirements [longer than acceptable]	An error message " <b>User validation failed: password: Path `password` is longer than the maximum allowed length (100)</b> " is displayed and the user isn't signed in.
3e.	Leave the Password field empty.	An error message " <b>User validation failed: password: Path `password` is required.</b> " is displayed and the user isn't signed in.
4.	Click on the 'Submit' button.	The account is not created, and the user remains on the Sign-Up page with error messages clearly indicating the issue/issues.

- **TEST CASE No.4:** Cancel the sign-up process.

**Description:** Verify that the Cancel button on the Sign-Up form works correctly and allows the user to exit the sign-up process without creating an account.

**Preconditions:** The website is loaded and the Sign Up page is accessible.

	Steps	Expected Result
1.	Open the website [https://thinking-tester-contact-list.herokuapp.com/].	The website is successfully loaded.
2.	Click on the 'Sign up' button.	The Sign-Up form displays the following fields: First Name, Last Name, Email, Password, and buttons for Submit and Cancel.
3a.	Click on the Cancel button without filling out any fields.	The user is redirected back to the main page and no account is created.
3b.	Fill out the sign-in form with data [First and last name, password, and email] and click the Cancel button	The user is redirected back to the main page and no account is created.

- **TEST CASE No.5:** Log in with valid credentials [SMOKE]

**Description:** Verify that the user can successfully sign up with valid details.

**Preconditions:** The website is loaded and the User is already signed in and has the account.

	Steps	Expected Result
1.	Open the website [https://thinking-tester-contact-list.herokuapp.com/].	The website is successfully loaded and the Login screen is displayed.
2.	Enter valid Email and Password into input fields	The form is successfully completed, and the entered data is correctly populated in the respective fields.
3.	Click on the 'Submit' button.	The user is redirected to the dashboard.

- **TEST CASE No.6:** Log in with invalid credentials [SMOKE]

**Description:** Verify that the system displays appropriate error messages and prevents log-in when invalid data is entered.

**Preconditions:** The website is loaded and the User is already signed in and has the account.

Steps	Expected Result
1. Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded and the Login screen is displayed.
2a. Enter a non-existent/invalid format email and a valid password.	An error message " <b>Incorrect username or password.</b> " is displayed, and the user remains on the Login screen.
2b. Enter a valid email and an invalid password.	An error message " <b>Incorrect username or password.</b> " is displayed, and the user remains on the Login screen.
2c. Leave the email field empty and enter a valid password.	An error message " <b>Incorrect username or password.</b> " is displayed, and the user remains on the Login screen.
2d. Leave the password field empty and enter a valid email.	An error message " <b>Incorrect username or password.</b> " is displayed, and the user remains on the Login screen.
2e. Leave both the Email and the Password fields empty.	An error message " <b>Incorrect username or password.</b> " is displayed, and the user remains on the Login screen.
3. Click on the 'Submit' button.	The user remains on the Login page with error messages clearly indicating the issue/issues.

- **TEST CASE No.7:** Verify The Contact list page is correctly loaded [SMOKE]

**Description:** Verify that the Contact List page is displayed and all elements are visible after logging in

**Preconditions:** The website is loaded and the User is already signed in and has the account.

Steps	Expected Result
1. Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded and the Login screen is displayed.
2. Enter a valid Email and Password into the input fields.	The form is successfully completed, and the entered data is correctly populated in the respective fields.
3. Click on the 'Submit' button.	The user is redirected to the Contact List page.
4. The Contact list page is displayed.	The page loads successfully, displaying the "Contact List" header, table headers (Name, Birthdate, Email, Phone, Address, City/State/Postal Code, Country), and buttons "Add a New Contact" and "Logout."

- **TEST CASE No.8:** Verify The Contact list page is correctly loaded

**Description:** Verify that the Contact List page is displayed and all elements are visible after signing in

**Preconditions:** The website is loaded and the User is able to sign in and create the account.

	Steps	Expected Result
1.	Open the website [ <a href="https://thinking-tester-contact-list.herokuapp.com/">https://thinking-tester-contact-list.herokuapp.com/</a> ].	The website is successfully loaded.
2.	Click on the 'Sign up' button.	The Sign-Up form displays the following fields: First Name, Last Name, Email, Password, and buttons for Submit and Cancel.
3.	Fill out the sign-in form with valid data [First and last name, password, and email]	The form is successfully completed, and the entered data is correctly populated in the respective fields.
4.	Click on the 'Submit' button.	The account is created and the user is redirected to the Contact List page.
5.	The Contact list page is displayed.	The page loads successfully, displaying the "Contact List" header, table headers (Name, Birthdate, Email, Phone, Address, City/State/Postal Code, Country), and buttons "Add a New Contact" and "Logout."

- **TEST CASE No.9:** Verify Log out functionality [SMOKE]

**Description:** Verify that the Logout button logs out the user and redirects to the Login page

**Preconditions:** The User is logged in and the Contact list page is loaded

	Steps	Expected Result
1.	Click on the 'Log out' button	The user is logged out and redirected to the Login page

- **TEST CASE No.10** Add new contact with valid data [SMOKE]

**Description:** Verify that the User is able to add a new contact.

**Preconditions:** The User is logged in and the Contact list page is loaded

	Steps	Expected Result
1.	Click on the 'Add a new contact' button	The Contact form displays the following fields: First Name, Last Name, Date of Birth, Email, Phone, Street Address 1, Street Address 2, City, State or Province, Postal code, Country, and buttons for Submit and Cancel.
2.	Fill out the Contact form with valid data	The form is successfully completed, and the entered data is correctly populated in the respective fields.
3.	Click on the 'Submit' button.	The user is redirected to the Contact list page, new contact is successfully added and correctly showing with all the data that has been entered

- **TEST CASE No.11:** Add new contact with invalid data

**Description:** Verify that appropriate messages are showing when invalid data is entered while adding a new contact

**Preconditions:** The User is logged in and the Contact list page is loaded

	Steps	Expected Result
1.	Click on the 'Add a new contact' button	The Contact form displays the following fields: First Name, Last Name, Date of Birth, Email, Phone, Street Address 1, Street Address 2, City, State or Province, Postal code, Country, and buttons for Submit and Cancel.
2a.	Leave the First Name or Last Name fields empty or both.	An error message " <b>Contact validation failed: firstName: Path `firstName` is required.</b> " or " <b>Contact validation failed: lastName: Path `lastName` is required.</b> " or " <b>Contact validation failed: firstName: Path `firstName` is required., lastName: Path `lastName` is required.</b> " is displayed and a new contact isn't created.
2b.	Enter the Date of birth using the wrong format or a nonexistent date	An error message " <b>Contact validation failed: birthdate: Birthdate is invalid.</b> " is displayed and a new contact isn't created.
2c.	Enter an invalid Email format.	An error message " <b>Contact validation failed: email: Email is invalid.</b> " is displayed and a new contact isn't created.
2d.	Enter an invalid Phone number format.	An error message " <b>Contact validation failed: phone: Phone number is invalid.</b> " is displayed and a new contact isn't created.
2e.	Enter invalid/too-long Postal code.	An error message " <b>Contact validation failed: postalCode: Postal code is invalid.</b> " or " <b>Contact validation failed: postalCode: Path `postalCode` is longer than the maximum allowed length (10).</b> " is displayed and a new contact isn't created.
3.	Click on the 'Submit' button.	A new contact is not created, and the user remains on the Add contact page with error messages clearly indicating the issue/issues.
4.	Correct the data according to error messages and resubmit the form.	The user is redirected to the Contact list page, new contact is successfully added and correctly showing with all the data that has been entered

- **TEST CASE No.12:** Cancel the Add new contact process

**Description:** Verify that the Cancel button on the Add contact form works correctly and allows the user to exit the Adding new contact process without creating a new contact.

**Preconditions:** The User is logged in and the Contact list page is loaded.

	Steps	Expected Result
1.	Click on the 'Add a new contact' button	The Contact form displays the following fields: First Name, Last Name, Date of Birth, Email, Phone, Street Address 1, Street Address 2, City, State or Province, Postal code, Country, and buttons for Submit and Cancel.
2a.	Click on the Cancel button without filling out any fields.	The user is redirected back to the Contact List page and a new contact isn't created.
2b.	Fill out the Add contact form with data and click the Cancel button	The user is redirected back to the Contact List page and a new contact isn't created.

- **TEST CASE No.13:** Logout from the Add contact form

**Description:** Verify that the Logout button on the Add contact form works correctly and allows the user to log out and redirects him to the login page without saving the account that was being added.

**Preconditions:** The User is logged in and the Contact list page is loaded.

	Steps	Expected Result
1.	Click on the 'Add a new contact' button	The Contact form displays the following fields: First Name, Last Name, Date of Birth, Email, Phone, Street Address 1, Street Address 2, City, State or Province, Postal code, Country, and buttons for Submit and Cancel.
2a.	Click on the Logout button without filling out any fields.	The user is logged out and redirected to the Login page
2b.	Fill out the Add contact form with data and click the Logout button	The user is logged out and redirected to the Login page
3.	Log in again with the same credentials	Confirm that there is no new contact saved on which the user was working at the moment of logging out

- **TEST CASE No.14:** Displaying contacts after logging out and back in

**Description:** Verify that contacts added to the Contact List are saved and visible after the user logs out and logs back in.

**Preconditions:** The User is logged in and the Contact list page is loaded.

Steps	Expected Result
1. Click on the 'Add a new contact' button	The Contact form displays the following fields: First Name, Last Name, Date of Birth, Email, Phone, Street Address 1, Street Address 2, City, State or Province, Postal code, Country, and buttons for Submit and Cancel.
2. Fill out the Contact form with valid data	The form is successfully completed, and the entered data is correctly populated in the respective fields.
3. Click on the 'Submit' button.	The user is redirected to the Contact list page, new contact is successfully added and correctly showing with all the data that has been entered
4. Click on the 'Logout' button.	The user is logged out and redirected to the login page.
5. Log in again using the same credentials.	The user is successfully logged in and redirected to the Contact List page.
6. The contact added in Step 3 is visible in the Contact List table with the correct details.	Verify the previously added contact is displayed in the table.

- **TEST CASE No.15:** View contact details

**Description:** Verify that the user can view the details of the contact by clicking on them

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

Steps	Expected Result
1. Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons

- **TEST CASE No.16:** Verify the Return button on the Contact detail page

**Description:** Verify that the user can view the details of the contact by clicking on them and then return back to the Contact List page without making any changes

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

	Steps	Expected Result
1.	Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons
2.	Click on the Return to the Contact List button	The user is redirected to the Contact List page and no changes are made to the contact

- **TEST CASE No.17:** Verify the Edit button on the Contact detail page

**Description:** Verify that the user can view the details of the contact by clicking on them and then edit/update them after clicking the button ‘Edit Contact’

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

	Steps	Expected Result
1.	Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons
2.	Click on the Edit Contact button	The user is redirected to the Edit contact page and is able to update all the fields of the selected contact
3a.	Update one or more fields with valid data.	The updated details are correctly entered in the respective fields
3b.	Leave the First Name or Last Name fields empty or both.	An error message “ <b>Contact validation failed: firstName: Path `firstName` is required.</b> ,” or “ <b>Contact validation failed: lastName: Path `lastName` is required.</b> ” or “ <b>Contact validation failed: firstName: Path `firstName` is required., lastName: Path `lastName` is required.</b> ” is displayed and a new contact isn’t created.
3c.	Enter the Date of birth using the wrong format or a nonexistent date	An error message “ <b>Contact validation failed: birthdate: Birthdate is invalid.</b> ” is displayed and a new contact isn’t created.
3d.	Enter an invalid Email format.	An error message “ <b>Contact validation failed: email: Email is invalid.</b> ” is displayed and a new contact isn’t created.
3e.	Enter an invalid Phone number format.	An error message “ <b>Contact validation failed: phone: Phone number is invalid.</b> ” is displayed and a new contact isn’t created.
3f.	Enter invalid/too-long Postal code.	An error message “ <b>Contact validation failed: postalCode: Postal code is invalid.</b> ” or “ <b>Contact validation failed: postalCode: Path `postalCode` is longer than the maximum allowed length (10).</b> ” is displayed and a new contact isn’t created.
4a.	Click on the Submit button to save the changes	The updated details are saved, and the user is redirected back to the Contact Details page with the new information displayed.
4[b,c,d,e,f].	Click on the Submit button to save the changes	Contact isn’t updated and the user remains on the Add contact page with error messages clearly indicating the issue/issues.

5a.	Click on the Return to the Contact List button	The updated contact details are correctly displayed in the Contact List.
5[b,c,d,e,f].	Correct the data according to error messages and resubmit the form.	The updated details are saved, and the user is redirected back to the Contact Details page with the new information displayed.

- **TEST CASE No.18:** Verify the Canceling Edit action

**Description:** Verify that the user can cancel editing the contact and that no changes will be saved to the contact

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

Steps	Expected Result
1. Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons
2. Click on the Edit Contact button	The user is redirected to the Edit contact page and is able to update all the fields of the selected contact
3a. Click on the Cancel button without editing any of the fields.	The user is redirected back to the Contact Details page and no changes were made.
3b. Edit some of the form fields with data and click the Cancel button	The user is redirected back to the Contact Details page and no changes were made.

- **TEST CASE No.19: Verify the Delete button on Contact Detail page**

**Description:** Verify that the user can cancel editing the contact and that no changes will be saved to the contact

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

	Steps	Expected Result
1.	Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons
2.	Click on the Delete Contact button	A confirmation prompt appears asking, " <b>Are you sure you want to delete this contact?</b> "
3.	Confirm the deletion.	The contact is removed, and the user is redirected to the Contact List page.
4.	Verify that the deleted contact no longer appears in the Contact List.	The contact is no longer visible in the table.

- **TEST CASE No.20: Verify Canceling the Delete Operation**

**Description:** Verify that the user can cancel editing the contact and that no changes will be saved to the contact

**Preconditions:** The User is logged in, the Contact list page is loaded and at least one contact is added to the list.

	Steps	Expected Result
1.	Click on one of the added contacts.	The Contact details page is displayed with all contact info listed and Edit, Delete, and Return to Contact List buttons
2.	Click on the Delete Contact button	A confirmation prompt appears asking, " <b>Are you sure you want to delete this contact?</b> "
3.	Decline or cancel the confirmation.	The contact is not deleted, and the user remains on the Contact Details page.
4.	Return to the Contact List page and verify that the contact is still present.	The contact remains visible in the table.