

QA_Cypress_Test

Contact App Page is having simple CRUD operations such as,

- Adding a contact with Name, Phone and Email input fields
- Updating an existing contact by Name, Phone and Email input fields
- Deleting an existing contact by Name, Phone and Email input fields

Test Scenarios for Contact App Page:

Test Scenario ID	Test Scenario Description
TS1001	Verify that the Contact App loads correctly.
TS1002	Verify that the Contact App should successfully ADD a new contact.
TS1003	Verify that the Contact App should successfully UPDATE an existing contact.
TS1004	Verify that the Contact App should successfully DELETE an existing contact.
TS1005	Verify the validation for an invalid email format during contact addition.
TS1006	Verify the validation for an invalid phone number during contact addition.
TS1007	Verify the validation for an empty name field during contact addition.
TS1008	Verify the display of a confirmatoin dialog before deleting a contact.
TS1009	Verify the contact list's ability to handle a large number of contacts
TS1010	Verify that the form fields are cleared after adding a contact.
TS1011	Verify that the Contact App sends a request to add a contact to the backend API.
TS1012	Verify that the Contact App sends a request to delete a contact from the backend API.
TS1013	Verify the ability to update contact details through the backend API.
TS1014	Verify the backend API's validation for required fields during contact update.
TS1015	Verify the backend API's validation for invalid field values during contact update.
TS1016	Verify the backend API's handling of concurrent updates to the same contact.

Cypress Test Automation:

- Automated and Validated Test Scenario for adding, updating and deleting contact details.

Test Result:

	Test Activities	Expected Results	Actual result	Result
1	Add new contact with Name, Phone, Email	Contact should be created with input data.	Succesfully creates contact as per Input data.	Passed
2	Update Name, Phone, and Email in Existing contact	Contact should be updated with new input in Name, Phone and Email Fields	<ul style="list-style-type: none">- Successfully updates Name record.- Other field data (Phone and Emails) becomes blank in updated contact.	Failed
3	Update only Name in Existing Contact	Existing Contact should be updated with New Name Input and other field data should stay same as before.	<ul style="list-style-type: none">- Successfully updates Name record.- Other field data (Phone and Email) becomes blank in updated contact.	Failed
4	Update only Phone in Existing Contact	Existing Contact should be updated with New	<ul style="list-style-type: none">- Successfully updates Phone records.	Passed

		Input in phone field and other field data should stay same as before.	- Other field data (Phone and Emails) stays same.	
5	Update only Email in Existing Contact	Existing Contact should be updated with New Input in email field and other field data should stay same as before.	<ul style="list-style-type: none"> - Successfully updates Email record. - Other field data (Name and Phone) stays same. 	Passed
6	Delete an Existing Contact	Existing Contact should be deleted.	- Successfully deletes data.	Passed