Test Case ID	Test Description	Test Type	Test Steps	Expected Result	Status									
TC-01	Submit the form with valid data	Positive	1. Fill Name, Email, Subject, and Message fields with valid data. 2. Click on Submit.	Form should be submitted successfully, and a success message should be displayed. Form data should be saved in the database.	Pass									
TC-02	Leave Name field empty	Negative	1. Leave the Name field empty. 2. Fill other fields with valid data. 3. Click Submit.	Validation error should be displayed for the Name field.	Pass									
TC-03	Invalid Email format	Negative	1. Enter an invalid email format in the Email field. 2. Fill other fields with valid data. 3. Click Submit.	Validation error should be displayed for the Email field.	Pass									
TC-04	Leave Message field empty	Negative	1. Leave the Message field empty. 2. Fill other fields with valid data. 3. Click Submit.	Validation error should be displayed for the Message field.	Pass									
TC-05	Submit with large data in fields	Edge Case	1. Enter a large text (e.g., 1000+ characters) in the Message field. 2. Fill other fields with valid data. 3. Click Submit.	The form should handle large data without breaking. If needed, the backend should truncate or show a validation error.	Pass									
TC-06	Ensure email is sent to the admin	Positive	1..run php artisan in one terminal 2.run php artisan queue:work in another terminal 3.. Submit the contact form with valid data. 4.Check the email inbox of the admin (admin@example.com).	Admin should receive an email with the submitted contact form details (Name, Email, Subject, Message). it will log the email content in laravel.log file	Pass	Name: Khan Sir Email: mohikhan09@gmail.com Subject: Testing mail log Message: 2.run php artisan in one terminal 3.run php artisan queue:work in another terminal [2025-04-12 07:00:53] local.INFO: API Response: {"response":{"title":"Testing mail log","body":"2.run php artisan in one terminal 3.run php artisan queue:work in another terminal","userid":47,"id":101}}								
TC-07	Ensure email is not sent with invalid data	Negative	1. Submit the form with invalid data (e.g., invalid email). 2. Check admin inbox.	Admin should not receive an email if the form is invalid and not saved to the database.	Pass									
TC-08	Successful API call with valid payload	Positive	1. Submit the contact form. 2. Check Laravel logs for API response. 3. Verify if API call was successful.	The API call should be made to https://jsonplaceholder.typicode.com/posts with the correct payload. The response should be logged in the Laravel log file.	Pass	[2025-04-12 07:00:53] local.INFO: API Response: {"response":{"title":"Testing mail log","body":"2.run php artisan in one terminal 3.run php artisan queue:work in another terminal","userid":47,"id":101}}								
TC-09	Check error handling for failed API call	Negative	1. Force API failure (e.g., use an incorrect URL). 2. Submit the form. 3. Check Laravel logs for error.	Laravel logs should contain an error message indicating the API call failure.	Pass									
TC-10	Admin view of contact submissions	Positive	1. Go to the Admin Panel. 2. Verify that all submitted contact form data appears in the admin table.	All the contact submissions should be displayed in a paginated and searchable table.	Pass									
TC-11	Admin search by email or subject	Positive	1. In the Admin Panel, search for a specific email or subject. 2. Verify that the correct submission appears.	Admin should be able to filter the contact submissions by Email or Subject, and the table should update accordingly.	Pass									
TC-12	Check pagination functionality	Positive	1. Go to the Admin Panel. 2. Verify pagination works when the submissions are more than the per-page limit.	Pagination should work correctly when there are multiple pages of contact submissions.	Pass									
TC-13	Admin panel error handling	Negative	1. Make a request with invalid parameters (e.g., malformed query string for search). 2. Verify error handling.	Admin should see a graceful error message, and the system should not crash.	Pass									
TC-14	Submit form with all fields empty	Negative	Leave all fields empty and submit the form.	Validation errors for all required fields.	Pass									
TC-15	Submit form with max-length exceeded in Name	Edge Case	Enter >255 characters in Name field. Fill valid data in other fields. Submit the form.	Validation error for exceeding max length.	Pass									
TC-16	Submit form with whitespace-only input	Negative	Input only spaces in all fields. Submit the form.	Validation errors should appear as fields are effectively empty.	Pass									
TC-17	Submit form with special characters in Subject	Edge Case	Use only special characters like @#$%^&*() in the Subject field. Submit with valid other fields.	It accepts the data and save into DB	Pass									
TC-18	Validate name with less than 3 characters	Negative	Enter Jo in name field → Fill valid data in others → Submit form	Error shown: "The name must be at least 3 characters."	Pass									
TC-19	Validate subject with less than 3 characters	Negative	Enter Hi in subject → Valid data in others → Submit form	Error shown: "The subject must be at least 3 characters."	Pass									
TC-20	Validate message with less than 5 characters	Negative	Enter Hey! in message → Valid data in others → Submit form	Error shown: "The message must be at least 5 characters."	Pass									
TC-23	Validate name with special character (O'Mohi)	Edge Case	Enter O'MOHI as name → Valid data in others → Submit form	Form submits successfully if within limits	Pass									