Test Case ID	Test Title	Description	Input Parameters	Expected Results	Actual Results	Status Code
TC001	Test GET All Contacts	Verify that the API returns a list of all contacts successfully.	GET https://thinking-tester-contact-list.herokuapp.com/contactList	Status: 200 OK, Response: JSON array of contacts.	JSON array of contacts	200 OK
TC002	Test POST Create New Contact	Verify that a new contact can be created successfully via the API.	POST https://thinking-tester-contact-list.herokuapp.com/contactList { "name": "John Doe", "email": "john@example.com", "phone": "123-456-7890" }	Status: 201 Created, Response: New contact object with ID.	Service unavailable did not create new contact	503 Service Unavailable
TC003	Test PUT Update Contact	Verify that an existing contact can be updated successfully.	PUT https://thinking-tester-contact-list.herokuapp.com/contactList { "phone": "111-222-3333" }	Status: 200 OK, Response: Updated contact object with new phone number.	Did not update contact info	503 Service Unavailable
TC004	Test DELETE Contact	Verify that a contact can be deleted successfully via the API.	DELETE https://thinking-tester-contact-list.herokuapp.com/contactList	Status: 204 No Content, Response: No body.	Did not delete contact	503 Service Unavailable

Test Case ID	Test Title	Description	Preconditions	Test Steps	Expected Results	Actual Results	Status	Priority
TC001	Verify Adding a New Contact	Check that a new contact can be added successfully	User is logged into the application.	1. Navigate to the "Contacts" page. 2. Click on the "Add Contact" button. 3. Fill in the contact form with valid data (e.g., name, email, phone). 4. Click "Save."	The new contact appears in the contact list, and a success message is displayed.	The Contact does not get added and I get a Undefined message	Fail	High
TC002	Verify Logging In and Out with Valid Credentials	Check that you can log in and out with valid credential	User creates a new account	1. Create a new acct 2. Log In with Credentials 3. Log Out and repeat	The valid credentials allows you to log in and out freely	The valid credentials allowed me to log in and out freely	Pass	Low
TC003	Verify Logging in with invalid credentials does not work	Check that invalid credentials does not allow you to log in	Use random email and password	Use random email and password	The incorrect information will not allow access	Did not allow access gives incorrect username and password	Pass	Low

Test Case ID	Test Title	Description	Steps to Reproduce	Expected Result	Actual Result	Status
SEC-001	XSS Test - Add Contact Field	Tests for XSS vulnerability in Add Contact field.	1. Go to Add Contacts section. 2. Enter <script>alert("XSS Test")</script>. 3. Submit Add Contact. 4. Observe the behavior.	Script should be sanitized and display as text, not execute.	Did not execute field read as undefined	Pass
SEC-002	SQL Injection - Login	Tests SQL Injection vulnerability in login.	1. Go to login page. 2. Enter ' OR '1'='1 as username. 3. Click "Login". 4. Observe behavior.	Login should fail, no unauthorized access granted.	The login failed, and unauthorized access was unallowed.	Pass

Top	API Testing Using POSTMAN
Middle	Functioanl UI Testing
Bottom	Security Testing