

**Quality Assurance  
Test Cases  
For Sri Lanka Travel App  
Section C**

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# Positive Test Cases

## Test case 01

**Test case ID:** TC\_01

**Name:** Main Navigation Test

**Purpose:** Verify that the top navigation menu works and redirects properly.

**Steps:**

- Open <https://srilankatravel.app/>
- Click “Hotel resorts & villas.”
- Click “Tour Packages.”
- Click “Travel activities.”
- Click “SrilankatravelApp” logo to come back to the main home

**Expected Result:** Each page loads correctly with valid content. No broken links or errors. (All green color without any issues)

**Actual Results:** TestCase\_1 ran without any issues. All tests passed (green color).

**Status:** Pass.

The screenshot shows the Selenium IDE interface in Mozilla Firefox. The project is named 's22009929\_Section\_C'. A test case named 'TestCase\_01' is selected, containing six steps. Each step has a green checkmark next to it, indicating success. The steps are as follows:

Step	Command	Target	Value
1	click	xpath=/li[@id='menu-item-15377']/a	
2	click	xpath=/li[@id='menu-item-15379']/a	
3	click	xpath=/li[@id='menu-item-20593']/a	
4	click	xpath=/header[@id='header']/div[2]/div/a/img	

Below the test case table, there are input fields for 'Command', 'Target', 'Value', and 'Description'. At the bottom of the interface, there are tabs for 'Log' and 'Reference', and a log table showing the execution details of the test steps.

Log	Reference
Running 'TestCase_01'	18:15:23
1. open on https://srilankatravel.app/ OK	18:15:24
2. setWindowSize on 1026x692 OK	18:15:24
3. click on xpath=/li[@id='menu-item-15377']/a OK	18:15:24
4. click on xpath=/li[@id='menu-item-15379']/a OK	18:15:37
5. click on xpath=/li[@id='menu-item-20593']/a OK	18:15:45
6. click on xpath=/header[@id='header']/div[2]/div/a/img OK	18:15:52
'TestCase_01' completed successfully	18:15:58

## Test Case 02

**Test case ID:** TC\_02

**Name:** Verify Input and Search Functionality

**Purpose:** To verify that the input fields and search functionality on the "Tour Packages" page work correctly.

**Steps:**

- Open <https://srilankatravel.app/>
- Click "Tour Packages."
- Click "Location" in the search bar and select the location.
- Click "Date" in the search bar and select the date
- Click "SrilankatravelApp" logo to come back to the main home

**Expected Result:** The location and date dropdowns in the search bar function correctly, allowing selections. Search results update accordingly without errors. Returning to the homepage via the logo works as expected. All steps pass (green) in Selenium IDE.

**Actual Results:** TestCase\_2 ran without any issues. All tests passed (green color).

**Status:** Pass.

The screenshot shows the Selenium IDE interface with the following details:

- Project:** s22009929\_Section\_C\*
- Test Case:** TestCase\_02\*
- Execution Status:** Executing
- Test Steps (Table):**

Step	Command	Target	Value
4	✓ click	id=location_name_tour	
5	✓ click	css=.item:nth-child(3) > .parent	
6	✓ click	name=date	
7	✓ mouse up	css=.col-12:nth-child(2) .image-feature	
8	✓ click	css=.custom-logo	
- Log:**
  - 2. setWindowSize on 1366x759 OK
  - 3. click on css=#menu-item-15379 > a OK
  - 4. click on id=location\_name\_tour OK
  - 5. click on css=.item:nth-child(3) > .parent OK
  - 6. click on name=date OK
  - 7. mouseUp on css=.col-12:nth-child(2) .image-feature OK
  - 8. click on css=.custom-logo OK
- Message:** 'TestCase\_02' completed successfully

# Negative Test Cases

## Test case 03

**Test Case ID:** TC\_03

**Name:** Verify Input Test

**Purpose:** To verify that the input fields and text entries in the "Send Message" form work correctly (Filled form and input texts).

**Steps:**

- Open <https://srilankatravel.app/>
- Click “Tour Packages”
- Scroll down to the bottom
- Click “About Us”
- Fill in the “Send Message” form
- Click the SrilankatravelApp logo to return to the homepage

**Expected Result:** The "Send Message" form accepts valid input in all fields. After submission, a confirmation message is displayed, indicating success, with no validation errors. All steps complete without issues (marked green in Selenium IDE).

**Actual Result:** Test Case 03 had issues with three fields, including a lack of values phone number. The email contained an invalid address, preventing form submission.

**Status:** Fail

The screenshot shows the Selenium IDE interface with the following details:

- Title Bar:** Extension: (Selenium IDE) - Selenium IDE - s22009929\_Section\_C\* — Mozilla Firefox
- Project:** s22009929\_Section\_C\*
- Test Case:** TestCase\_03\*
- Commands Table:** A table showing 15 rows of test steps. Rows 1 through 14 are successful (green checkmarks), while row 15 is failed (red X).

Command	Target	Value
1 ✓ open		
2 // ✓ set window size		
3 ✓ click	css= #menu-item-15379 > a	
4 ✓ click	css= #menu-item-15379 > a	
5 ✓ click	linkText=Contact Us	
6 ✓ click	linkText=Contact Us	
7 ✓ click	id=name	
8 ✓ type	id=name	Devinda
9 ✓ click	id=phone	
10 ✗ verify value	name=your-phone	077710088
11 ✓ click	id=email	
12 ✗ verify value	id=email	Devind12@
13 ✓ click	id=message	
14 ✓ type	id=message	I love this website
15 ✗ verify checked	css=.wpcf7-submit	
- Run Summary:** Runs: 1 Failures: 1
- Log:** 14. type on id=message with value I love this website OK  
15. verifyChecked on css=.wpcf7-submit Failed:  
Element with locator css=.wpcf7-submit is not a checkbox nor a radio button  
16. close OK
- Reference:** TestCase\_03\* ended with 4 error(s)

## Test Case 04

**Test Case ID:** TC\_04

**Name:** Verify Link Attribute Functionality

**Purpose:** To verify that hyperlink elements (e.g., email addresses or external links) contain valid href attributes and navigate correctly when clicked.

**Steps:**

- Open <https://srilankatravel.app/>
- Click “Tour Packages”
- Click “Yala Leopard Lodge”
- Scroll down to the “Information contact”
- Click “Email or Websites”
- Click the SrilankatravelApp logo to return to the homepage

**Expected Result:** The email address and website links should be a clickable link with a valid attribute. Clicking it should open the default email app or a new browser tab.

**Actual results:** The email text is displayed visually, but it is **not wrapped in a proper hyperlink** (`<a href>`). Clicking does not trigger a new window or action. No navigation or redirection occurred.

**Status:** Fail

The screenshot shows the Selenium IDE interface with the following details:

**Project:** s22009929\_Section\_C\*

**Test Case:** TestCase\_04\*

**Log:**

- Step 3: ✓ click (Target: css=#menu-item-15377 > a)
- Step 4: ✓ run script (Target: window.scrollTo(0,232))
- Step 5: ✓ click (Target: linkText=Yala Leopard Lodge)
- Step 6: ✓ run script (Target: window.scrollTo(0,1912))
- Step 7: ✗ verify value (Value: http://www.leopardlodge.com)
- Step 8: ✓ click (Target: css=.media > p:nth-child(4))
- Step 9: ✗ verify value (Value: +94762762762)
- Step 10: ✓ click (Target: css=p:nth-child(6))
- Step 11: ✓ close

**Log Details:**

- Step 9: verifyValue on css=p:nth-child(6) with value +94762762762 Failed:  
Actual value 'undefined' did not match '+94762762762'
- Step 10: click on css=.custom-logo OK
- Step 11: close OK

**Summary:** 'TestCase\_04' ended with 2 error(s)

### **Observed Deviation:**

- Missing or incorrect href attribute.
- The email address is not an active hyperlink.
- Fails to exhibit expected behavior for user interaction.

## **Challenges I faced and how I overcame them**

### **Challenge 01 - Lack of Prior Knowledge About Selenium IDE**

At the beginning of this task, I had no prior experience with Selenium IDE. I wasn't familiar with how to record tests, interact with elements, or even interpret the UI and results panel.

**Solution** - I referred to beginner tutorials and documentation available on the official Selenium IDE website. I also watched YouTube videos demonstrating how to create and organize test cases. After some trial and error, I successfully learned how to record, edit, and run test cases.

### **Challenge 02 – Identifying Dynamic or Unstable Elements**

Some elements on Srilankatravel.app, such as route results or interactive maps, were generated dynamically. This caused issues during playback, as Selenium IDE couldn't always find the elements using basic locators like ID or name.

**Solution** - I used the Selenium IDE's built-in tools to adjust the element locators, switching from ID to CSS selector or XPath when needed.

### **Challenge 03 – No Input Validation on Negative Test Cases**

When testing negative scenarios (like searching with empty or invalid fields), the website didn't show clear error messages or feedback. This made it difficult to verify if the app handled invalid inputs properly.

**Solution** - I added verification steps to check the presence of result elements. If no route results appeared after a search, I treated that as a "pass" for negative testing.