

## Step 1: Test Planning & Requirement Analysis

STLC (Software Testing Life Cycle) is an excellent testing approach for the Garibook website trip booking process. STLC Phases for Garibook Trip Booking Process:

STLC Phase	Activities for Garibook Trip Booking Process
1. Requirement Analysis	<ul style="list-style-type: none"><li>• Identify functional requirements</li><li>• Identify non-functional requirements</li><li>• Collaborate with stakeholders to clarify requirements.</li></ul>
2. Test Planning	<ul style="list-style-type: none"><li>• Define the scope of testing</li><li>• Identify testing objectives and deliverables.</li><li>• Allocate resources (testers, tools, time).</li><li>• Define the test strategy (manual testing).</li></ul>
3. Test Case Development	<ul style="list-style-type: none"><li>• Create detailed test scenarios for trip booking</li><li>• Write test cases with clear steps, inputs, and expected results.</li><li>• Prioritize test cases based on critical functionalities.</li></ul>
4. Environment Setup	<ul style="list-style-type: none"><li>• Set up the test environment (browsers, devices, test data).</li><li>• Ensure the environment mirrors the production setup.</li><li>• Verify that the website is accessible and functional in the test environment.</li></ul>
5. Test Execution	<ul style="list-style-type: none"><li>• Execute test cases manually.</li><li>• Validate functionalities.</li><li>• Log defects for any discrepancies.</li></ul>
6. Test Closure	<ul style="list-style-type: none"><li>• Analyze test results and defect reports.</li><li>• Evaluate whether the trip booking process meets the requirements.</li><li>• Prepare a test summary report.</li><li>• Make a release decision (approve/reject) based on testing outcomes.</li></ul>

### Functional Requirements:

1. **User Authentication:** Users must be able to log in using valid credentials.
2. **Location Functionality:** The system shall allow users to enter a Pick-Up Point and Drop-Off Point to search for available trips.
3. **Booking Cancellation:** The system shall allow users to cancel their booking before the trip starts.

### Non-Functional Requirements:

1. **Performance:** The Pick-Up Point and Drop-Off Point search results should be displayed within 3 seconds of the user's request.
2. **Usability:** The website should be intuitive and user-friendly, allowing users to complete a booking with minimal effort.

### Step 2: Test Scenario & Test Cases Creation

#### Test Scenarios for Trip Booking

1. **Location:** Verify that users can successfully search for a trip by entering a valid Pick-Up Point and Drop-Off Point.
2. **Date & Time Selection:** Verify that users cannot select a past date for the trip and must choose a valid Pick-Up Date & Time.
3. **Vehicle Selection:** Verify that users can select a vehicle type (e.g., Sedan) for a one-way trip.
4. **Booking Cancellation:** Verify that users can cancel a booking before the trip starts and the system should reflect the cancellation.
5. **Booking Confirmation:** Verify that users receive a confirmation message and a unique booking reference number after successfully booking a trip.

#### Test Cases for Trip Booking

T C N o	Section/Path	Test Case Description	Test Data	Expected Result	Actual Result	Test Status	Added By
#1	Home → Login → Trip Search	Check if users can successfully search for a trip by entering a valid Pick-Up Point and Drop-Off Point.	Pick-Up Point: "Savar, Bangladesh" Drop-Off Point: "Mirpur-1, Dhaka, Bangladesh "	Area available for trip	Area available for trip	Pass	Shathi
#2	Home → Login → Date & Time Selection	Check if users cannot select a past date for the trip	Pick-Up Date: "02/16/2025" Pick-Up Time: "04:00 PM"	The system should restrict past dates and allow selection of	The system restrict the date and shows a message "The pickup	Pass	Shathi

		and must choose a valid Pick-Up Date & Time.		only future dates.	date and time must be set to a future date.”		
#3	Home → Vehicle Selection	Check if users can select a vehicle type (e.g., Sedan) for a one-way trip.	Vehicle: "Sedan"	The selected vehicle type (e.g., Sedan) should be highlighted, and the system should allow the user to proceed.	The selected vehicle Sedan is highlighted, and the system allow the user to proceed.	Pass	Shathi
#4	Home → Login → Confirm Booking → Booking Cancellation	Check if users can cancel a booking before the trip starts and the system should reflect the cancellation.	Booking Id: 25021631CBI A	The system should successfully cancel the booking, notify the user, and update the booking status to Cancelled.	Trip canceled successfully.	Pass	Shathi
#5	Home → Login → Booking Confirmation	Check if users receive a confirmation message after successfully booking a trip.	Booking Id: 25021631CBI A	The system should display a confirmation message	The system display a confirmation message	Pass	Shathi

### Step 3: Test Execution & Defect Reporting

Bug no	Section/Path	Bug/Concern Description	Status	Priority	Tester Name	Developer Name
#1	Home → Choose a trip → Login → Enter Phone Number	Before clicking the “Send Code” Button the phone number input field allows invalid characters	Open	Medium	Shathi	
#2	Home → Choose a trip → Login → Enter Phone Number	Before clicking the “Send Code” Button the phone number input doesn't enforce the correct country code	Open	Medium	Shathi	
#3	Home → Choose a trip → Login → Enter Phone Number	Before clicking the “Send Code” Button the input field allows phone numbers with spaces	Open	Medium	Shathi	
#4	Home → Choose a trip → Login → Enter Phone Number	Before clicking the “Send Code” Button Non-numeric characters are accepted in the phone number input.	Open	Medium	Shathi	
#5	Home → Choose a trip → Login → Enter Phone Number	The input field doesn't prevent the user from typing in an incorrect number of digits for a phone number	Open	Medium	Shathi	
#6	Home → Garibook Club → Join us → Ready to get Started?	Full Name field allows 1 Character	Open	High	Shathi	
#7	Home → Garibook Club → Join us → Ready to get Started?	Full Name field allows Numeric Number	Open	High	Shathi	

#8	Home → Garibook Club → Join us → Ready to get Started?	Full Name field allows Only space	Open	High	Shathi	
#9	Home → Garibook Club → Join us → Ready to get Started?	Phone Number field accepts one numeric number	Open	High	Shathi	
#10	Home → Garibook Club → Join us → Ready to get Started?	Mobile number accepts less than 11 digits.  It should accepts only 11 digits	Open	High	Shathi	

#### Step 4: Test Closure & Release Decision:

**Decision:** Yes, I would approve this feature for release.

**Justifications:** Although there are a few bugs related to the phone number input field, the issues identified are primarily related to input validation and formatting, which can be addressed in future updates. The feature is still functional and the core functionality of the phone number is operational.