

## **Section 1: Manual Testing – Garibook Website**

### **Step 1: Test Planning & Requirement Analysis**

#### **Testing Approach:**

To ensure a smooth and efficient trip booking process on the Garibook website, a structured testing approach is followed. The process includes analyzing the website's requirements, defining test objectives, writing test cases, executing manual tests, identifying defects, and making informed release decisions.

#### **Key Functional Requirements:**

1. Users should be able to search for trips by entering departure and destination details.
2. The system should allow users to select a trip, enter necessary information, and proceed with booking.
3. A confirmation message or email should be sent once the booking is successfully completed.

#### **Key Non-Functional Requirements:**

1. The website should load quickly, ideally within three seconds, to enhance user experience.
2. The booking system must be secure, ensuring the safety of users' personal and payment data.

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

#### **Critical Test Scenarios:**

1. Ensure users can search for available trips using valid departure and destination inputs.
2. Verify that users can select a trip and navigate to the booking page without errors.
3. Check whether users can successfully enter their details and confirm the booking.
4. Validate that payment processing works correctly and the user receives a confirmation message.
5. Ensure that the system prevents bookings with missing or incorrect information.

#### **Detailed Test Cases:**

Test Case ID	Scenario	Steps	Expected Outcome	Status
TC01	Search for trips	1. Visit the website 2. Enter valid departure & destination 3. Click search	Available trips should appear	Pass/Fail
TC02	Select a trip and book	1. Choose a trip 2. Click 'Book Now'	Booking page should load	Pass/Fail
TC03	Enter personal details & confirm	1. Fill in details 2. Click confirm	Booking should complete	Pass/Fail
TC04	Payment processing	1. Choose payment method 2. Enter details 3. Confirm payment	Payment should be processed, and a confirmation received	Pass/Fail
TC05	Booking with incomplete details	1. Leave required fields blank 2. Attempt booking	System should display an error	Pass/Fail

### Step 3: Test Execution & Defect Reporting

#### Defects Found:

Bug ID	Issue Description	Steps to Reproduce	Expected Behavior	Actual Outcome	Severity	Status
BUG01	No search results for valid inputs	1. Enter correct departure & destination 2. Click search	Relevant trips should be shown	No trips displayed	High	Open
BUG02	Unable to proceed to booking page	1. Select a trip 2. Click 'Book Now'	Booking page should appear	Nothing happens	High	Open

Bug ID	Issue Description	Steps to Reproduce	Expected Behavior	Actual Outcome	Severity	Status
BUG03	Payment page crashes	1. Enter payment details 2. Click submit	Payment should be processed	Page crashes	Critical	Open
BUG04	No confirmation email received	1. Complete a booking 2. Check email	Confirmation email should arrive	No email received	Medium	Open
BUG05	Missing validation for required fields	1. Leave necessary fields blank 2. Click submit	Error message should display	No error shown	High	Open

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

##### Release Decision:

Based on the current test results, the trip booking feature **is not ready for release** in its present form.

##### Justification:

1. **Major functionality issues** – Problems like non-working search results, booking failures, and payment crashes directly impact usability.
2. **User experience flaws** – Missing validation and email notifications could lead to user frustration and mistrust.
3. **Security concerns** – Issues in payment processing raise risks related to financial transactions and data security.

**Recommendation:** The identified defects should be addressed and re-tested before approving the release of this feature.