

Manual Testing

Garibook Website-Trip booking flow

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Step 1: Test Planning & Requirement Analysis

Testing Approach for the Garibook Website Trip Booking Process:

The testing approach follows the **Software Testing Life Cycle (STLC)** to ensure the trip booking process functions correctly.

- **Requirement Analysis:** Understanding the functional and non-functional requirements.
- **Test Planning:** Identifying test scope, test objectives, test environment, and test data.
- **Test Design:** Creating test scenarios and writing test cases.
- **Test Execution:** Performing manual testing and reporting defects.
- **Defect Tracking:** Logging issues, verifying bug fixes, and retesting.
- **Test Closure:** Evaluating test results and making a release decision.

Functional Requirements

1. **User Authentication** – Users must log in using a phone number and OTP verification.
2. **Trip Booking Flow** – Users should be able to book a trip by selecting a trip type, car type, and providing trip details.
3. **Trip Availability Management** – The name of available trip remove after a booking is confirmed.

Non-Functional Requirements

1. **Performance** – The trip booking process should complete within **5 seconds** under normal conditions.
2. **Security** – OTP should be sent via **SMS only** and **not displayed on the login page** for security reasons.

Step 2: Test Scenario & Test Cases Creation

Critical Test Scenarios for Trip Booking

1. **OTP Verification Issue** – Ensure OTP is sent via SMS and not displayed on the login page.
2. **Successful Trip Booking** – Verify that users can book a trip successfully.
3. **Seat Availability Management** – Ensure seat count decreases after booking.
4. **Promo Code Validation** – Verify applying a promo code updates the price correctly.
5. **Trip Booking Cancellation** – Verify users can cancel a booking and seats are restored.

Detailed Test Cases for Trip Booking Flow

Table 1: Test Case 1 OTP Verification Should Not Be Visible on the Login Page

Test Case ID	TC_001
Test Scenario	OTP should be sent via SMS, not displayed on the login page
Precondition	User must enter a valid phone number
Test Steps	1. Open Garibook website 2.click on 'login' Enter a valid phone number 3. Click on "Send Code"
Expected Result	OTP should be received via SMS and not displayed on the login page
Actual Result	Display in the login page
Status	Fail

Table 2: Test Case 2 Verify Successful Trip Booking

Test Case ID	TC_002
Test Scenario	Users should be able to successfully book a trip
Precondition	User must be logged in
Test Steps	1. Select "One Way" trip 2. Pick a Sedan 3. Enter Pickup & Drop-off locations 4. Select Date & Time 5. Apply Promo Code (optional) 6. Click "Submit Trip"
Expected Result	Booking should be confirmed, and a confirmation message should be displayed
Actual Result	Successfully display the confirmation message
Status	Pass

Table 3: Test Case 3 *Verify remove trip after Booking*

Test Case ID	TC_003
Test Scenario	Available seats should decrease after booking
Precondition	A trip with available seats should exist
Test Steps	1. Open "Choose a Trip" list 2. Book a trip 3. Check the available seat count again
Expected Result	Available seat count should remove by the name of booked trip
Actual Result	Not remove the name of booked trip
Status	Fail

Table 4 : Test Case 4 *Verify Promo Code Discount Application*

Test Case ID	TC_004
Test Scenario	Ensure applying a promo code updates the price correctly
Precondition	User must be logged in and on the booking page
Test Steps	1. Enter trip details 2. Apply a valid promo code 3. Verify updated price
Expected Result	Discount should be correctly applied, and price should be updated
Actual Result	(To be filled after execution)/As don't know the promo code Need test data
Status	(Pass/Fail)

Table 5 : Test Case 5 *Verify Trip Cancellation Restores trip*

Test Case ID	TC_005
Test Scenario	Canceling a trip should restore the booked seats
Precondition	User must have an active trip booking
Test Steps	1. Navigate to "My Bookings" 2. Cancel a booked trip 3. Check available seats for the trip
Expected Result	The seat count should be restored after cancellation
Actual Result	As trip name not remove after booking so don't know about the execution
Status	Pass/Fail

Step 3: Test Execution & Defect Reporting

Defects Identified:

1. **OTP Issue** – OTP is displayed on the login page instead of being sent via SMS.
2. **Seat Availability Issue** – The available seats do not decrease after booking.

Table 6: Bug Report 1 Example for OTP Issue

Field	Description
Bug ID	001
Summary	OTP is displayed on the login page instead of being sent via SMS
Steps to Reproduce	1. Open Garibook website 2. Enter a valid phone number 3. Click "Send Code"
Expected Result	OTP should be received via SMS only
Actual Result	OTP is displayed on the login page
Severity	High
Priority	Critical
Status	Open

Table 7: Bug Report 2 Bug Report Example for Seat Availability Issue

Field	Description
Bug ID	002
Summary	Available seats do not decrease after booking
Steps to Reproduce	1. Open "Choose a Trip" list 2. Note the available seat count 3. Book a trip 4. Recheck the seat count
Expected Result	Trip name remove after booking
Actual Result	Trip name unchanged
Severity	High
Priority	Critical
Status	Open

Step 4: Test Closure & Release Decision

Approval Decision

Not Approved for Release right now. There are some issue after fix the issue

Justification:

- **Critical Issues Found:**

1. **OTP Security Flaw** – OTP is visible on the login page, which is a major security risk.
2. **Incorrect Trip list Management** – Trip name remove after booking, leading to booking inconsistencies.

Recommendation:

- **Fix the OTP issue** – Ensure OTP is only sent via SMS.
- **Fix remove trip issue** – Ensure trip availability is updated after booking.
- **Retest the system after fixes** – Perform regression testing to verify the issues are resolved before release.