

Step 1: Test Planning & Requirement Analysis

Testing Approach

The testing approach for the Garibook website trip booking process will follow the **Software Testing Life Cycle (STLC)**:

1. **Requirement Analysis:** Understand the trip booking flow and identify functional and non-functional requirements.
 2. **Test Planning:** Define the scope, objectives, and resources for testing.
 3. **Test Case Design:** Create test scenarios and detailed test cases.
 4. **Test Execution:** Manually execute test cases and log defects.
 5. **Defect Reporting:** Report defects using a standard bug report format.
 6. **Test Closure:** Analyze test results and decide whether the feature is ready for release.
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Key Functional Requirements

1. **User Login:** Users should be able to log in using their phone number and OTP.
2. **Trip Booking:** Users should be able to book a one-way trip by selecting pickup and drop-off locations, date, time, and vehicle type.
3. **Promo Code Application:** Users should be able to apply a promo code during the booking process.

Key Non-Functional Requirements

1. **Performance:** The website should load within some seconds under normal load conditions.
 2. **Usability:** The user interface should be intuitive, and the trip booking process should be completed in less than 5 steps.
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Step 2: Test Scenario & Test Cases Creation

Critical Test Scenarios

1. **Scenario 1:** Verify that the user can log in successfully using a valid phone number and OTP.
2. **Scenario 2:** Verify that the user can select a one-way trip and book a sedan.
3. **Scenario 3:** Verify that the user can enter pickup and drop-off locations and select a random date and time.

4. **Scenario 4:** Verify that the user can apply a valid promo code and see the discount reflected in the total fare.
 5. **Scenario 5:** Verify that the user can submit the trip request and receive a confirmation.
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Detailed Test Cases

Test ID	Test Case Description	Test ing time	Prerequisite s	Steps	Expected Result	Actu al Resu It
TC-01	Verify successful login with valid phone number and OTP	18th feb,2025	1.need any browser 2.internet connection	1. Open the Garibook website. 2. Enter a valid phone number. 3. Click "Send OTP". 4. Enter the OTP received. 5. Click "Continue".	Users should be logged in successfully.	
TC-02	Verify one-way trip booking with sedan selection	18th feb,2025	1.need to login first	1. Log in to the website. 2. Select "One Way" trip. 3. Select "Sedan" as the vehicle type.	Sedan should be selected for the one-way trip.	
TC-03	Verify pickup and drop-off location selection with random date and time	18th feb,2025	1.need to login first	1. Log in to the website. 2. Enter pickup and drop-off locations. 3. Select a random date and time.	Pickup, drop-off, date, and time should be selected successfully.	

TC-04	Verify promo code application and discount calculation	18th feb,2025	1.need to login first	1. Log in to the website. 2. Proceed to the booking page. 3. Apply a valid promo code.	Promo code should be applied, and the discount should reflect in the total fare.	
TC-05	Verify trip request submission and confirmation	18th feb,2025		1. Log in to the website. 2. Complete the booking process. 3. Click "Submit".	Trip request should be submitted, and a confirmation message should be displayed.	

Step 3: Test Execution & Defect Reporting

Defect Reporting

During manual testing, the following defects were identified:

Defect ID	Defect Description	Steps to Reproduce	Expected Result	Actual Result	Severity	Attachments
D-01	OTP is not received by phone number after entering a valid phone number.	1. Open Garibook website. 2. Enter a valid phone number. 3. Click "Send OTP".	OTP should be received within 30 seconds.	OTP is not received on phone. It is displayed on screen	High	https://drive.google.com/file/d/1Tce-5acm-lhOxsSPZA2E_Y742BzahweQ/view?usp=drive_link
D-02	Promo code discount is not reflected in the total fare.	1. Log in to the website. 2. Apply a valid promo code.	Discount should reflect in the total fare.	Discount is not applied.	Medium	https://drive.google.com/file/d/1ivMx9Q58nr_dJWR_rz8NJ5SApLtBSnym/view?usp=drive_link

D-03	Pickup location dropdown shows late	1. Log in to the website. 2. Start typing a pickup location.	Dropdown suggestions should appear within 1 or 2 sec	No suggestions are displayed.	Medium	
D-04	Website takes more than 5 seconds to load under normal conditions.	1. Open Garibook website.	Website should load within 3 seconds.	Website takes more than 5 seconds to load.	High	
D-05	Confirmation message is not displayed after submitting the trip request.	1. Log in to the website. 2. Complete the booking process. 3. Click "Submit".	Confirmation message should be displayed.	No confirmation message is displayed.	High	https://drive.google.com/file/d/1qfjJrPOtCxyKC_oJBWE_BHpxl16uBIFx1F/view?usp=drive_link
D-06	Timing mismatch	1. Open the Garibook website. 2. Click on the "Pick Up Date & Time" field.	The system should restrict users from selecting a past time. A validation message	The system allows past time selection, which may cause confusion or failed trips.	High	https://drive.google.com/file/d/1Hp5AtUFPDyJ2cKxI7lfhYIZ

		3. Select a past time from the dropdown · 4. Proceed with booking.	should appear.			xGtv7Cpu/view?usp=drive_link
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Step 4: Test Closure & Release Decision

Release Decision

Based on the testing results, **I would not approve this feature not for release** at this time.

Justifications

1. **Critical Defects:** High-severity defects like OTP not being received and the website taking more than 5 seconds to load significantly impact user experience.
2. **Functional Issues:** The promo code discount not being applied and the confirmation message not being displayed are major functional gaps.
3. **Usability Concerns:** The absence of pickup location suggestions makes the booking process less user-friendly.

Recommendations

1. Fix the high-severity defects (D-01, D-04, D-05,D-06) before release.
2. Address medium-severity defects (D-02, D-03) to improve usability and functionality.
3. Conduct regression testing after fixes to ensure no new issues are introduced.