

Test Plan on [Chhoto.link](#)

1. TEST PLAN IDENTIFIER:

Chhoto.link Website v1.0

2. REFERENCES:

- Functional Requirement Specification (FRS).
- Test Scenarios. Or,
None Identified.

3. INTRODUCTION:

This is the Test Plan for the Chhoto.link website. This plan will address only those items and elements that are related to the Chhoto.link process, both directly and indirectly affected elements will be addressed. The primary focus of this plan is to ensure that the Chhoto.link website provides the same level of information and detail as the current system while allowing for improvements and increases in data acquisition and the level of details available.

The project will have three levels of testing, Integration, System, and Acceptance. The details for each level are addressed in the approach section and will be further defined in the level-specific plans.

4. Features to be tested:

- URL Shortener Module

5. Features not to be tested:

Other than the above.

6. Approach:

6.1 Testing Level:

The testing for the Chhoto.link website will consist of Unit, Integration, System, and Acceptance test levels. It is hoped that there will be at least one full-time independent test person for integration & system testing. However, with the budget constraints and timeline established; most testing will be done by the test manager with the development team's participation.

UNIT Testing will be done by the developer and will be approved by the development team leader. Proof of unit testing must be provided by the programmer to the team leader before unit testing will be accepted and passed on to the test person. All unit test information will also be provided to the test person.

SYSTEM/INTEGRATION Testing will be performed by the test manager and development team leader with assistance from the individual developers as required. No specific test tools are available for this project. Programs will enter into the System/Integration test after all critical defects have been corrected.

ACCEPTANCE Testing will be performed by the actual end-users with the assistance of the test manager and development team leader.

6.2 Test Overview:

- Integration Testing: N/A
- System Testing: N/A
- Acceptance Testing: N/A
- Regression Testing: Automated Regression suite will be executed as part of Regression.

6.3 Test Tool:

- Google Spreadsheets/Microsoft Excel will be used to write test cases.
- Google Spreadsheets/ JIRA-Test Management Tool will be used to manage bug reporting.

6.4 Meetings:

The test team will meet once every two weeks to evaluate progress to date and to identify error trends and problems as early as possible.

7. Item Pass/Fail criteria:

If the website is accepted by the tester and the users, if they are satisfied with the performance then the website will pass, otherwise, it will fail and have to check the software again.

8. TEST DELIVERABLES:

- Acceptance test plan.
- System test plan.
- Integration test plan.
- Test Cases.
- Defect/Incident reports and summaries.
- Test logs and turnover report.

9. REMAINING TEST TASKS:

TASK	Assigned To	Status
Create Acceptance Test Plan	TM, PM, Client	N/A
Create System Test Plan	TM, PM, QA	N/A
Create Integration Test Plan	TM, PM, Client	N/A
Create Test Cases	TM, PM, QA	N/A
Defect Report	TM, PM, QA	N/A

10. ENVIRONMENTS COVERAGE:

Browser compatibility(Cross-Browser testing): we cover different types of browsers for the verify browser compatibility, including the following:

- **Chrome.**
- **Firefox.**

11. AUTOMATION STRATEGY:

- We are going to use Selenium for automating test cases.

12. TESTING SCHEDULES:

Iteration (or) Build No	Start Date	End Date
Iteration#1(Build#1)	20-August-2021	28-August-2021
Iteration#2(Build#2)	Middle of September	??
Iteration#3(Build#3)	End of October	??

13. TESTING STRATEGY:

- Existing functionalities will be validated as part of regression tests.
- New functionalities will be validated as part of progression tests.
- Fixed defects will be validated.

14. Responsibilities:

Task Name	TM	PM	DEV	TEST TEAM	CLIENT
Acceptance test Documentation & Execution	↑	↑		↑	↑
System/Integration test Documentation & Execution	↑		↑	↑	
System Design Reviews	↑	↑	↑	↑	↑
Detail Design Reviews	↑	↑	↑	↑	
Test procedures and rules	↑	↑	↑	↑	

- The development team leader will be responsible for the verification and acceptance of all unit test plans and documentation.
- The project manager/test manager is responsible for all test plans and documentation.
- The entire project team will participate in the review of the system and detail designs as well as a review of any change requests that are generated by the user or as a result of defects discovered during development and testing.

15. RISKS & MITIGATION:

Sl.No	Risk	Mitigation
1	Resources are on vacation.	Maintain backup resource
2	Hardware failure during testing	Make ready It team, also maintain backup h/w resources.

16. ENTRY CRITERIA:

- Requirement Specification Document.
- Test Plan.
- Test cases.
- Unit Tests cases should pass.

17. EXIT CRITERIA:

- Zero Installer defects & Completion of Planned Test Cases Execution.