

TEST REPORT on Niphtio

1. Objective of the document

This document explains the various activities performed as part of the Testing of Niphtio, a web and mobile app that lets users create a personal library of web pages that are searchable and organized.

2. Application Overview

Niphtio is a web-based application, and no software is required to install or download, thus enables users to access the application on all their devices. The application provides the most convenient way to save, find, and read interesting pages which can be found again later. All the items in the user library can be marked with tags including 'To do' items. Hence less time spent looking for content and more time using it to achieve what users really want. Several modules are created while testing the app like Registration, Login & Logout, Settings, Help Guides, Contact Us, Saving Web Pages, Searching Your Library, Using Tags, To Do, and Trash which are integrated to fulfill the purpose.

3. Testing Scope

Manual Testing is performed for this application as it requires human observation and cognitive abilities and that also ensures high-end User Experience to the end user of the website.

In-Scope: Functional Testing for the following modules are in Scope of testing -

- Registration
- Login & Logout
- Settings
- Help Guides
- Contact Us
- Saving Web Pages
- Searching Your Library
- Using Tags
- To Do
- Trash

Out of Scope: Performance Testing was not done for this application.

Features not tested:

1. Saving web pages using Browser Extension where multiple items are added to library with the help of Multi Tab Saver.
2. Saving web pages using Bookmarklet where items are added to library on Android device.
3. Saving web pages using Bookmarklet where items are added to library on iOS device.

4. Saving web pages using PWA where items are added to library on Android device.

These features can be tested in the next release where Android and iOS devices are also required.

4. Test Approach

A Reactive test approach is undertaken to perform testing on this website. Functional testing is performed to manually check mainly the functionality of the main features of the application. But some non-functional features are also considered. I was responsible for defining and executing test cases. A week was allocated to perform such testing.

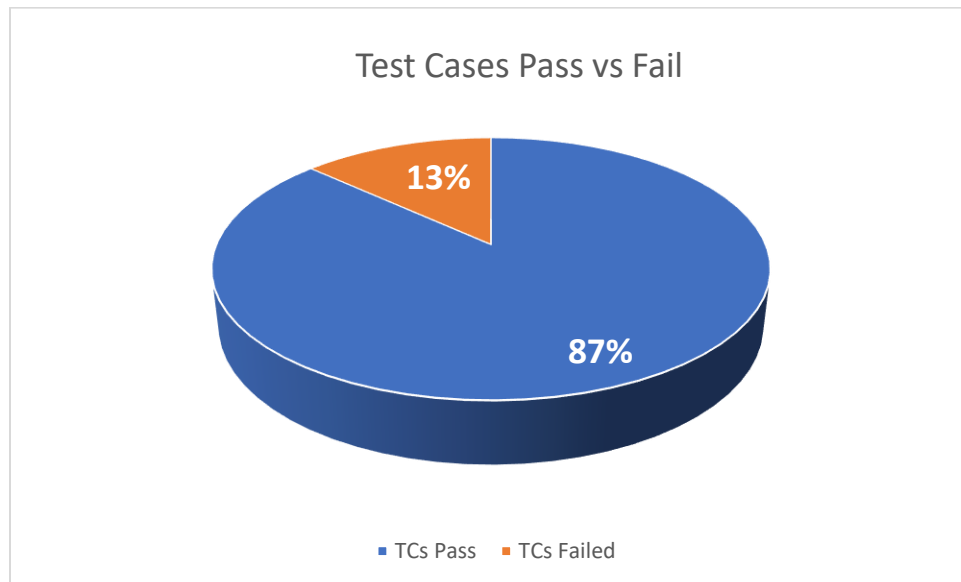
5. Test Environment Details

- Application URL: <https://www.nipht.io>
- Browser: Chrome, Version 112.0.5615.139, 64-bit
- System Configuration: Windows 11, version 22H2, HP PC- 16GB RAM intel core i7 processor

6. Testing Metrics

- No. of test cases planned vs executed
- No. of test cases passed/failed

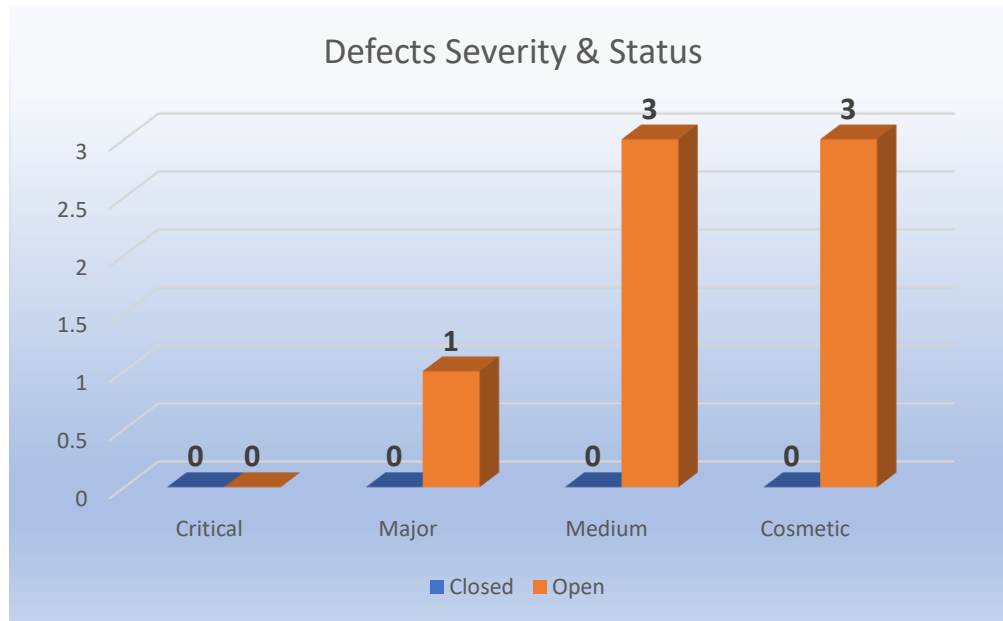
Test cases planned	Test cases executed	TCs Pass	TCs Failed
58	53	46	07



7. Defect Summary

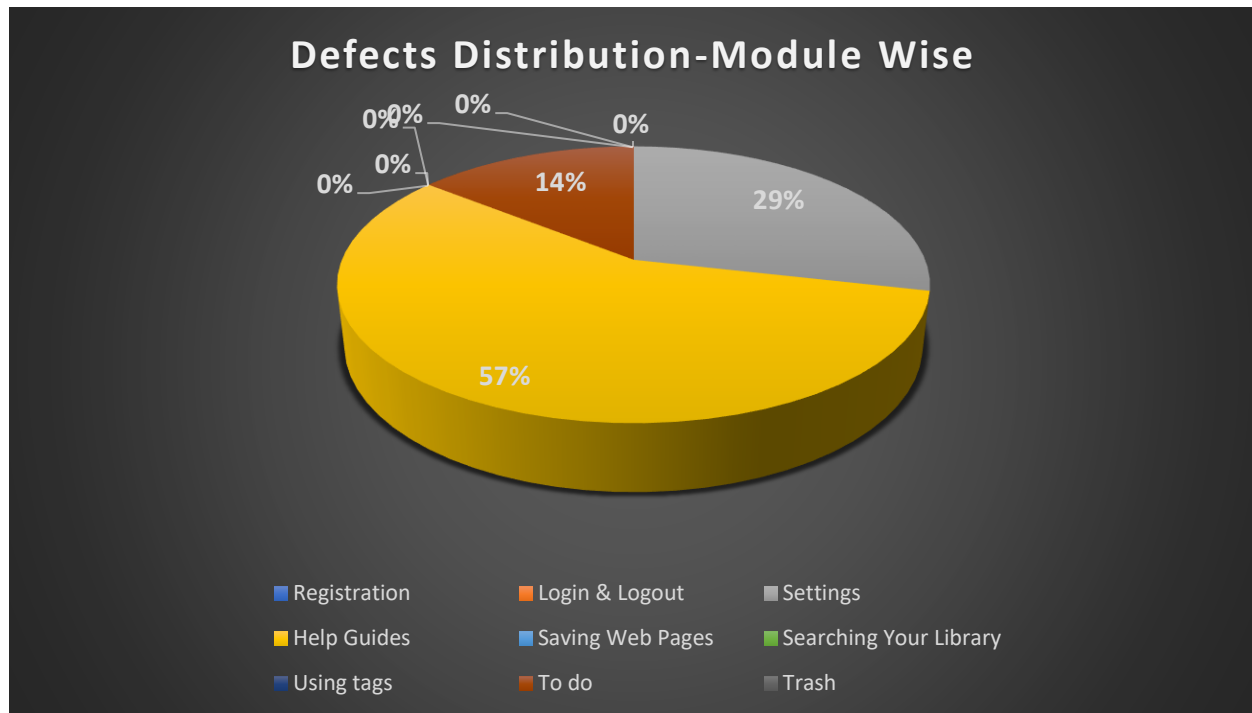
- No of defects identified and their Status & Severity

	Critical	Major	Medium	Cosmetic	Total
Closed	0	0	0	0	0
Open	0	1	3	3	7
					7



- Defects distribution – module wise

	Registration	Login & Logout	Settings	Help Guides	Saving Web Pages	Searching Your Library	Using tags	To do	Trash	Total
Critical	0	0	0	0	0	0	0	0	0	0
Major	0	0	0	1	0	0	0	0	0	1
Medium	0	0	1	2	0	0	0	0	0	3
Cosmetic	0	0	1	1	0	0	0	1	0	3
Total-->	0	0	2	4	0	0	0	1	0	7



8. Summary

Functional Testing was performed on the application - Niphtio. The application is based on creating a personal library that is searchable and organized. As per client requirement, the application was tested manually focusing on most of the main features. This testing was done to make sure the major functionality is working fine and was focused on modules such Registration, Login & Logout, Settings, Help Guides, Saving web pages, Searching your library, Using tags, To do and Trash. It should be mentioned that Niphtio is an application with very few bugs and of those are not affecting the main functionalities of the app. 58 test cases were developed to test these functionalities, 46 test cases passed, 5 were not executed since they require other devices such as Android and iOS, and 7 of the test cases failed. All the failed cases are OPEN with 14% of them need immediate action. Plan of action for the Open defects should be clearly mentioned with details on when and how they will be addressed and closed. Among the features that were not executed such as saving multiple web pages using multi tab saver of Browser Extension and saving web pages using Bookmarklet on Android / iOS devices will be implemented in next phase. Test cases that failed, especially for the links used in Help Guides that are not working properly, need fixing since these features will hinder greater user experience.

In the meantime, I hope to create automated test scripts for smoke test cases to run fast and save time for any next build in the upcoming phase. System Testing is recommended in the next phase.