**Test Plan For Group 4**

**Test Plan ID:** 1234

**Test Plan Name:** Test Plan for [Terminal X](https://www.terminalx.com/) Website

**Version:** 1.0

**Date:** 2023-12-19

**1. Introduction**

This test plan outlines the testing activities that will be conducted for the [Terminal X](https://www.terminalx.com/)

website using playwright typescript .

The primary purpose of this test plan is to validate the functionality of the website and

ensure it meets the requirements of stakeholders.

Additionally , this plan aims to identify and report any defects or issues in the website’s

behavior.

**2. Scope**

**The scope of this test plan includes the following:**

**● pages :**

**(test -> playwrightFinalProject) :**

1. **Infrastructure :**

**1.1)** api-setup

**1.2)** ui-setup

1. **Logic :**

**2.1) api :**

**2.1.1) requests :**

**2.1.1.1)** addItemRequestToCartBody

**2.1.1.2)** addToWishListRequestBody

**2.1.1.3)** deleteItemFromCartRequestBody

**2.1.1.4)** deleteItemFromWishListRequestBody

**2.1.1.5)** getCurrentInfoRequestBody

**2.1.1.6)** logInRequest

**2.1.2) responses :**

**2.1.2.1)** addItemToCartResponse

**2.1.2.2)** addItemToWishListResponse

**2.1.2.3)** currentUserInfoResponse

**2.1.2.4)** globalInfoResponse

**2.1.3) apiCalls**

**2.2) ui :**

**2.2.1) components :**

**2.2.1.1)** cartComponent

**2.2.2) pages :**

**2.2.2.1)** basePage

**2.2.2.2)** homepage

**2.2.2.3)** wishListPage

**2.3) utils.ts**

1. **tests:**

**3.1)** addToCartTest.spec

**3.2)** addToWishListTest.spec

**3.3)** deleteFromCart.spec

**3.4)** deleteFromWishList.spec

**3.5)** logInTest.spec

1. **config :**

**4.1)** credentials.json

**4.2)** urls.json

1. **playwright-report :**

**5.1)** index.html

**3. Objectives :**

**The objectives of this test plan are to:**

**3.1)** To verify that the Terminal X website functions as intended, providing a

seamless user experience.

**3.2)** To validate that all critical features and functionalities, such as product adding

to shopping cart, and checkout, are working correctly.

**3.3)** To ensure compatibility across various web browsers and devices.

**3.4)** To automate test scenarios using playwright and typescript for efficient

and repeatable testing.

**3.5)** To identify and report any defects or inconsistencies in the website's behavior.

**4. Approach :**

**The following approach will be used to test the website:**

**4.1)** LogIn testing (by Ui and Api) ensure that users can effectively access for

[Terminal X](https://www.terminalx.com/) website .

**4.2)** Adding products testing(by Ui and Api) will be used to verify that users can

successfully add products to their cart.

**4.3)** Deleting testing(by UI and API) will be used to ensure users can remove products

from their cart as intended.

**4.4)** checking price testing (by UI and API) confirms that the price in the cart is

accurately calculated.

**4.5)** Adding products testing (by UI and API) will be used to verify that users can

successfully add products to their wishList .

**4.6)** Deleting testing(by UI and API) will be used to ensure users can remove products

from their wishList as intended.

**4.7)** checking adding testing by color (by UI) that confirms to match the color item we

added to cart .

**4.8)** checking adding testing by size (byUI) that confirms to match the item size we

added to cart .

**4.9)** checking adding testing by label (by UI and API) that confirms to match the item

label that we added to cart .

**4.10)** checking adding testing by color (by UI) that confirms to match the color item we

added to wishList .

**4.11)** checking adding testing by label (by UI) that confirms to match the item

label that we added to wishList .

**4.12)** checking adding testing by price (by UI) confirms that the price in the wishList is

accurately calculated.

**4.13)** checking adding testing by id (by API) that confirms to match the item

id that we added to wishList .

**4.14)** checking adding testing by sku (by API) that confirms to match the item

sku that we added to wishList .

**5. Resources :**

**The following resources will be needed to test the website:**

**5.1)** A testing team of 4 people :

**5.1.1)** [Wael seh]- QA Test Automation Engineer

**5.1.1.1)** Responsible for Api test planning(TerminalX website) page.

**5.1.1.2)** Responsible for Infra pages.

**5.1.1.3)** Responsible for Logic requests .

**5.1.1.4)** Responsible for logic Utils and apiCalls and LogInTest.spec .

**5.1.2)** [Nadia Moalem]- QA Test Automation Engineer

**5.1.2.1)** Responsible for logic ui.

**5.1.2.2)** Responsible for logic pages and components .

**5.1.2.3)** Responsible for Logic api responses.

**5.1.2.4)** Responsible for logInTest.spec .

**5.1.3)** [Beshara Shukha]- QA Test Automation Engineer

**5.1.3.1)** Responsible for deleteFromCartTest.spec.

**5.1.3.2)** Responsible for deleteFromWishList.spec.

**5.1.3.3)** Responsible in helping for other pages .

**5.1.4)** [Hamood Ktesh]- QA Test Automation Engineer

**5.1.4.1)** Responsible for addToCartTest.spec .

**5.1.4.2)** Responsible for addToWishList.spec.

**5.1.4.3)** Responsible in helping for other pages .

**5.2)** Communication and Collaboration Tools :

**5.2.1)** **Zoom class work:** Used for team meetings, test planning discussions,

and daily stand-ups.

**5.2.2) Slack:** Used for real-time chat communication within the team.

**5.2.3) Trello:** Used for test case management and project management .

**5.2.4) Google Workspace:** Used for document collaboration and sharing,

including this test plan.

**5.3)** Test Environment :

**5.3.1)** Each team member will have access to their own test environment for executing

their part of the project.

**5.3.2)** The test environment has been carefully selected to ensure it is suitable and

comfortable for the testing team.

**5.3.3)** The testing environment is designed to minimize distractions and disruptions,

promoting focused and effective testing activities.

**5.3.4)** The testing environment is shared by all four team members to facilitate

collaborative testing efforts.

**5.3.5)** Team members can easily collaborate, share insights, and troubleshoot issues

through shared access to the testing environment.

**5.3.6)** Test scenarios are reviewed and executed in front of the entire team, allowing for

real-time feedback and discussion.

**6. Schedule :**

**The following schedule will be used to test the website:**

**6.1)** The testing team had been formed on November 28th.

**6.2)** The testing environment will be set up on November 30th**.**

**6.3)** Exploratory testing will be performed from December 1st to December 7th.

**6.4)** Functional testing will be performed from December 8th to December 13th.

**6.5)** Last testing time will be performed on December 18th.

**6.6)** The test team will premiere on December 19th.

**7. Deliverables :**

**The following deliverables will be produced as a result of this test plan:**

**7.1)Test Report :**

The test report will provide a comprehensive summary of the testing activities,

including test results, pass/fail status, and any deviations from expected behavior.

**Contents of the Test Report:**

* Summary of Testing Objectives and Scope
* Test Execution Results
* Test Case Pass/Fail Status
* Defect Summary
* Deviations from Expected Behavior
* Recommendations and Observations
* Conclusion and Overall Assessment

**7.2) Defect List :**

The defect list will document all defects and issues identified during testing,

including their descriptions and status.

**Contents of the Defect List:**

* Defect ID
* Description of the Defect
* Status (e.g., Open, In Progress, Closed)
* Target Fix Version/Release

**7.3) Defect Fixing Plan :**

The defect fixing plan outlines the approach for addressing and resolving defects

identified during testing.

**Contents of the Defect Fixing Plan:**

**Prioritization of Defects**

* Assignment of Defects to Developers or Teams
* Proposed Fixes and Solutions
* Target Fixing Schedule and Milestones
* Communication Plan for Updates on Defect Resolution
* Verification and Validation Process for Fixed Defects

**8. Approvals:**

**This test plan has been approved by the following people:**

● Wael Seh, QA Automation Engineer.

● Nadia Moalem, QA Automation Engineer.

● Beshara Shukha, QA Automation Engineer.

● Hamood Ktesh, QA Automation Engineer.

**9. Revisions :**

This test plan was last revised on December 19th , 2023.