**Objective:** To evaluate the functionality, performance and usability of the given demo website.

Demo Website Link : <https://casioclone.netlify.app/>

**Module & Sub-module Structure**:

- \*\*Module 1: Navigation Improvements\*\*

- Sub-module 1.1: Simplify Menu Layout

- Sub-module 1.2: Enhance Search Functionality

- Sub-module 1.3: Improve Mobile Responsiveness

- \*\*Module 2: User Interface Enhancements\*\*

- Sub-module 2.1: Optimize Button Placement

- Sub-module 2.2: Increase Font Readability

- Sub-module 2.3: Consistent Color Scheme

- \*\*Module 3: Performance Optimization\*\*

- Sub-module 3.1: Reduce Load Times

- Sub-module 3.2: Optimize Image Sizes

- \*\*Module 4: Feedback Integration\*\*

- Sub-module 4.1: Add User Feedback Form

- Sub-module 4.2: Implement Real-Time Feedback Display

- Sub-module 4.3: Analyze and Act on Feedback

# **Test Plan Document for Casio Clone Website**

## **1. Introduction**

This test plan outlines the strategy for testing the Casio Clone website (<https://casioclone.netlify.app/>), focusing on navigation improvements, user interface enhancements, performance optimization, and feedback integration based on usability testing feedback.

## **2. Test Objectives**

* Validate navigation and product category functionality.
* Ensure search and filter features work as expected.
* Verify the purchase process, including add to cart and buy now features.
* Confirm login, register, and profile feature functionality.
* Identify and resolve defects based on test execution results.

## **3. Scope**

* Navigation & Product Categories
* Search & Filter Features
* Purchase Process
* Login Feature
* Register Feature
* Profile Feature

## **4. Test Strategy**

* **Unit Testing:** Test individual components (e.g., search bar, feedback form).
* **Integration Testing:** Verify interactions between modules (e.g., navigation and UI).
* **System Testing:** Validate the entire website functionality.
* **Usability Testing:** Assess user experience based on feedback.
* **Performance Testing:** Measure load times and resource usage.

## **5. Test Environment**

* **Hardware:** Desktop (Windows/Mac), Mobile (iOS/Android).
* **Browsers:** Chrome, Firefox, Safari, Edge.
* **Network:** Wi-Fi, 4G.

## **6. Test Schedule**

* **Planning:** April 15, 2025 - April 16, 2025
* **Test Case Development:** April 17, 2025 - April 18, 2025
* **Test Execution:** April 19, 2025
* **Reporting:** April 20, 2025

## **7. Test Deliverables**

* Test cases and scripts.
* Test execution reports.
* Defect logs.
* Final test summary report.

## **8. Roles and Responsibilities**

* **Test Manager:** Oversees test planning and execution.
* **Test Engineers:** Develop and execute test cases.
* **Developers:** Address identified defects.
* **Stakeholders:** Provide feedback and approve test results.

**Scenarios and test cases for the same.**

[Test\_Cases](https://docs.google.com/spreadsheets/d/1R2nU6OBr982w21sWTNTVa9Gh_2I0-PnDkiYZssJc3QE/edit?usp=sharing)

# **Test Execution Report for Casio Clone Website**

## **1. Overview**

This report summarizes the test execution results for the Casio Clone website (<https://casioclone.netlify.app/>) conducted between April 15, 2025, and April 25, 2025, covering navigation, search and filter features, purchase process, login, register, and profile features.

## **2. Test Execution Summary**

* **Total Test Cases Executed:** 14
* **Passed Test Cases:** 8
* **Failed Test Cases:** 6
* **Not Executed:** 0
* **Execution Period:** April 15, 2025 - April 20, 2025

## **3. Detailed Test Results**

| **Test Case ID** | **Test Scenario Description** | **Test Case Description** | **Status** | **Actual Output** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| TC\_N\_001 | Verify Navigation & Product Categories | Verify cursor symbol changes to hand on clickable tabs | Pass | Hand symbol visible on hover | Functionality as expected |
| TC\_N\_002 | Verify Navigation & Product Categories | Verify response on clicking profile section | Pass | Proper dialogue box for sign-in displayed | Works as intended |
| TC\_N\_003 | Verify Navigation & Product Categories | Verify product categories on hover | Fail | No category information displayed | No information on hover |
| TC\_S\_001 | Verify Search & Filter Features | Verify placeholder in search textbox | Pass | Placeholder present | As expected |
| TC\_S\_002 | Verify Search & Filter Features | Verify search with existing products | Pass | Relevant results fetched | Correct functionality |
| TC\_S\_003 | Verify Search & Filter Features | Verify search with non-existing products | Fail | No "No product found" message displayed | Missing error message |
| TC\_S\_004 | Verify Search & Filter Features | Verify price filter on searched products | Fail | Filter functionality not working | Filter does not apply |
| TC\_P\_001 | Verify Purchase Process | Verify add to cart feature | Fail | No cart feature, goes to checkout directly | Missing cart functionality |
| TC\_P\_002 | Verify Purchase Process | Verify Buy Now feature | Pass | Moves to order process | Works as intended |
| TC\_P\_003 | Verify Purchase Process | Verify purchase process with cart | Fail | No cart feature, checkout fails | Cart feature absent |
| TC\_P\_004 | Verify Purchase Process | Verify purchase with multiple products | Fail | No add to cart feature | Cannot add multiple products |
| TC\_P\_001 | Verify Login Feature | Verify login with valid credentials | Pass | User logged in | Successful login |
| TC\_P\_002 | Verify Login Feature | Verify login with invalid password | Pass | Error message "Incorrect Email or Password" | Correct error displayed |
| TC\_P\_003 | Verify Register Feature | Verify registration with valid credentials | Pass | User registered successfully | Registration works |
| TC\_P\_004 | Verify Profile Feature | Verify profile name update | Fail | No profile update feature | Profile update not available |

## **4. Defects Identified**

| **Defect ID** | **Test Case ID** | **Description** | **Severity** | **Status** |
| --- | --- | --- | --- | --- |
| DEF-001 | TC\_N\_003 | No category information on hover | Medium | Open |
| DEF-002 | TC\_S\_003 | Missing "No product found" message | Low | Open |
| DEF-003 | TC\_S\_004 | Filter functionality not working | High | Open |
| DEF-004 | TC\_P\_001 | Missing add to cart feature | High | Open |
| DEF-005 | TC\_P\_003 | No cart feature in purchase process | High | Open |
| DEF-006 | TC\_P\_004 | No add to cart for multiple products | High | Open |
| DEF-007 | TC\_P\_004 | No profile update feature | Medium | Open |

## **5. Conclusion**

The test execution revealed 8 passed test cases, indicating successful functionality in navigation, search (partially), login, and registration. However, 6 failed test cases highlight critical issues in product categories, search filtering, purchase process, and profile features, requiring immediate attention from the development team.

## **6. Recommendations**

* Prioritize fixing high-severity defects (DEF-003, DEF-004, DEF-005, DEF-006).
* Conduct regression testing after defect fixes.
* Enhance user feedback mechanisms to capture additional usability issues.

# **Defect Report for Casio Clone Website**

## **1. Overview**

This defect report documents issues identified during the test execution of the Casio Clone website (<https://casioclone.netlify.app/>) conducted between April 15, 2025, and April 20, 2025.

## **2. Defect Log**

| **Defect ID** | **Test Case ID** | **Description** | **Severity** | **Steps to Reproduce** | **Actual Result** | **Expected Result** | **Status** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| DEF-001 | TC\_N\_003 | No category information on hover | Medium | 1. Open browser.  2. Enter URL.  3. Hover on product category. | No category information displayed | Category information should be visible | Open |
| DEF-002 | TC\_S\_003 | Missing "No product found" message | Low | 1. Open browser.  2. Enter URL.  3. Search for "abbcdb". | No message displayed | "No product found" message should appear | Open |
| DEF-003 | TC\_S\_004 | Filter functionality not working | High | 1. Open browser.  2. Enter URL.  3. Search "Watches".  4. Apply price filter < 10,000. | No filtered results | Relevant filtered results should display | Open |
| DEF-004 | TC\_P\_001 | Missing add to cart feature | High | 1. Open browser.  2. Enter URL.  3. Login.  4. Search watch.  5. Click add to cart. | Goes to checkout directly | Product should add to cart | Open |
| DEF-005 | TC\_P\_003 | No cart feature in purchase process | High | 1. Open browser.  2. Enter URL.  3. Login.  4. Search watch.  5. Click add to cart.  6. Place order. | Checkout fails | Order should proceed with cart items | Open |
| DEF-006 | TC\_P\_004 | No add to cart for multiple products | High | 1. Open browser.  2. Enter URL.  3. Login.  4. Search watches.  5. Add multiple watches to cart. | No add to cart option | Multiple products should add to cart | Open |
| DEF-007 | TC\_P\_004 | No profile update feature | Medium | 1. Open browser.  2. Enter URL.  3. Login.  4. Click profile.  5. Attempt to update name. | No update option | User should update name | Open |

## **3. Severity Definitions**

* **High:** Critical functionality failure affecting core features (e.g., purchase process, filtering).
* **Medium:** Partial functionality issues impacting user experience (e.g., category hover, profile update).
* **Low:** Minor issues with minimal impact (e.g., missing error message).

## **4. Recommendations**

* Address high-severity defects (DEF-003, DEF-004, DEF-005, DEF-006) immediately.
* Perform regression testing after fixes.
* Monitor medium and low-severity defects for future releases.