

| **TEST SUMMARY REPORT** |
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**Project Name:** [**Sweet Donut**](https://sweet-donut-1ca8e9.netlify.app/)

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**Reviewed:** Self reviewed

### **1. Objective**

The purpose of this report is to summarize the results of the automation testing conducted on the Sweet Donut website to validate functionality, UI/UX, responsiveness, and performance.The testing was performed using **Cypress automation** with the **Page Object Model (POM)** for functional validation and **manual testing** for non-functional aspects.

#### **2. Scope of Testing**

The testing covered the following areas:

**1. Automation Testing (POM Approach):**

**○** Core functionalities, product search, wishlist, cart operations, and checkout, were tested.

○ Modular POM approach ensured reusable and scalable test scripts for multiple workflows.

**2. Manual Testing (Non-Functional):**

**○**  Performance, usability, and UI responsiveness testing conducted manually.

○ Included validation across desktop, mobile, and tablet devices.

**Tested Platforms:**

**● Devices:** Desktop, Tablet, Mobile

**● Browsers:** Chrome, Firefox, Edge

### **3. Test Metrics**

* **Total Test Cases:** [30]
* **Executed:**  [25]
* **Passed:** [24]
* **Failed:** [1]

#### **4. Test Coverage**

● **Automation Testing Coverage:** The POM approach enabled **comprehensive functional testing** of the website. Key modules such as login, product search, wishlist, cart operations, and checkout were validated. Reusable and modular test scripts reduced redundancy and improved scalability.

● **Manual Testing Coverage:** Focused on non-functional aspects such as performance, usability, and UI responsiveness. Critical flows were tested across multiple devices and browsers.

#### **5. Recommendations**

1. Fix critical bugs related to wishlist, cart, and checkout functionalities.

2. Optimise homepage load time for a smoother user experience.

3. Ensure mobile responsiveness across all key workflows.

4. Conduct regression testing to validate the stability of fixes**.**

#### **6. Conclusion**

The **Sweet Donut** website was thoroughly tested using **Cypress automation with POM** for functional coverage and **manual testing** for non-functional aspects. Identified bugs require immediate attention to improve user experience and performance. Regression testing and extended scope testing (e.g., API integrations) are recommended for the next phase.

#### **7. Next Steps**

● **Bug Fixes:** Address the critical bugs related to functionality, performance, and compatibility.

● **Regression Testing:** Conduct regression testing after fixes to ensure all issues are resolved.

● **Additional Testing:** Plan for security and API testing in the next phase.

### **Final Notes:**

This test summary report highlights the effective use of **Cypress POM** for automation and manual testing for non-functional validation, ensuring a detailed quality assessment of the Sweet Donut.