

## Web testing

- **Describe your approach to this site testing**

I've used a black box testing approach to test this site. The reason for this is that I didn't have detailed knowledge about the internal code structure, implementation details, and internal paths.

From the black box testing types I specifically implemented functional testing. By using this testing type I've done two types of tests.

- Testing the main line functionalities, to check the system's main functionalities
- Basic usability testing to test whether a user can navigate the system without any difficulties.

- **Provide three detailed bug reports in a format of your choice.**

### Issue No. 1

**Issue Description:** The login menu is showing for a logged-in user instead of a logout.

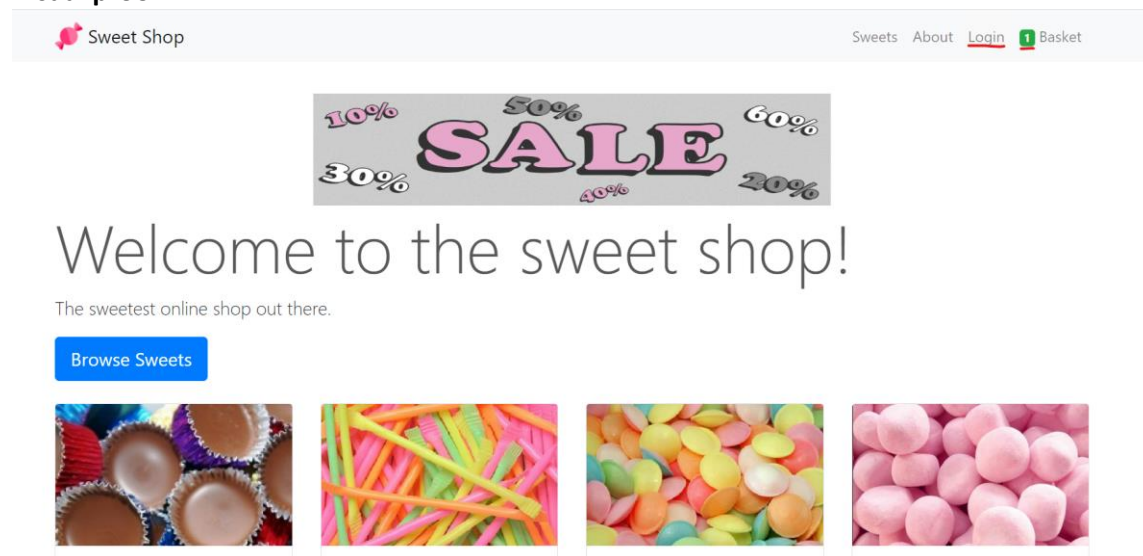
**Priority:** High

**Severity:** Major

**Environment:** Windows OS, Chrome Browser

**Source URL:** <https://sweetshop.netlify.app/index.html>

**Visual proof:**



### Steps to reproduce:

1. Open the following link: <https://sweetshop.netlify.app/index.html>
2. Click on Log in
3. Enter your email address & password
4. Click on the log in

**Expected Result:** Log out menu should be displayed for logged-in user

**Actual results:** Log in the menu is displaying for a logged-in user on the top menu bar.

### Issue No 2.

**Issue Description:** The system is not displaying the price sum of the items in the basket if the user selects standard shipping.

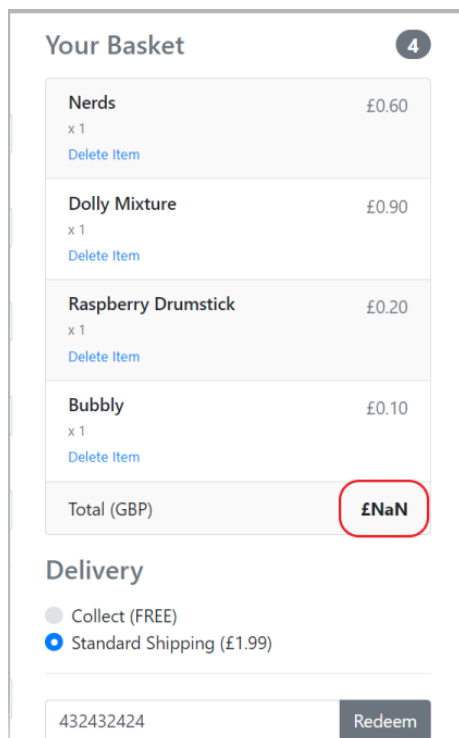
**Priority:** Medium

**Severity:** Moderate

**Environment:** Windows OS, Chrome Browser

**Source URL:** <https://sweetshop.netlify.app/basket.html>

### Visual Proof:



### Step to Reproduce:

1. Open the following link: <https://sweetshop.netlify.app/index.html>
2. Click on Log in
3. Enter your email address & password

4. Click on the login
5. Click on "Add to Basket" on the items available
6. Click on "Basket" from the top menus
7. Under the Delivery category select "Standard shipping"

**Expected Result:** The total sum of the price should be displayed when the user selects standard shipping.

**Actual Result:** Total price sum of the items is not showing for standard shipping for items on the basket

### Issue No 3.

**Issue Description:** When user clicks on the social media links, they are not responding & the page is not redirecting to a social media page.

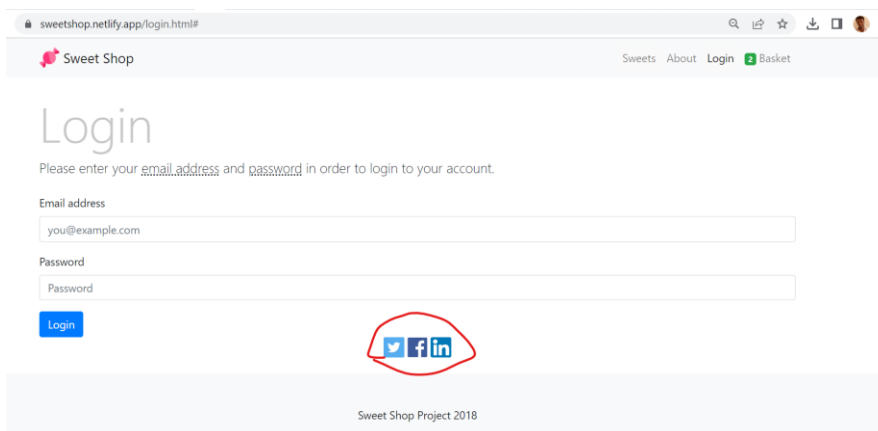
**Priority:** Medium

**Severity:** Moderate

**Environment:** Windows OS, Chrome Browser

**Source URL:** <https://sweetshop.netlify.app/login.html#>

### Visual Proof:



### Step to Reproduce:

1. Open the following link: <https://sweetshop.netlify.app/index.html>
2. Click on the social media links

**Expected Result:** When a user clicks on the social media links, the page should redirect to the dedicated social media page.

**Actual Result:** When a user clicks on the social media links, the buttons are not responding & page is not redirecting to the social media page.

#### Issue No 4.

**Issue Description:** A User can able to log in to the site using an unregistered email address & wrong password.

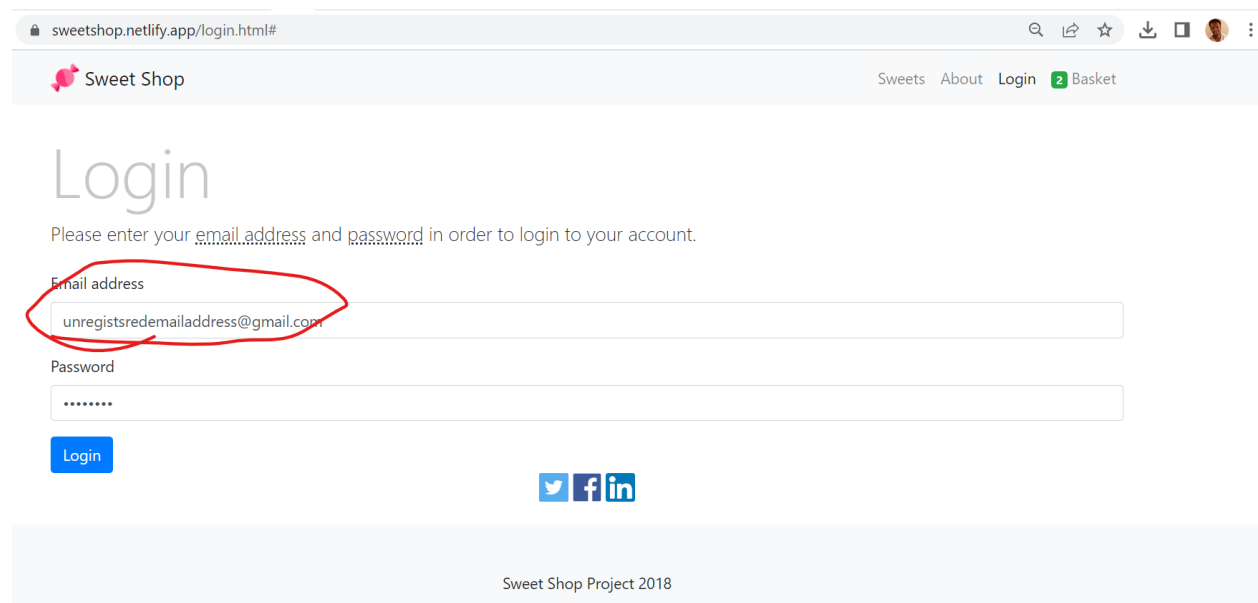
**Priority:** High

**Severity:** Major

**Environment:** Windows OS, Chrome Browser

**Source URL:** <https://sweetshop.netlify.app/login.html#>

#### Visual Proof:



The screenshot shows a web browser window with the address bar displaying [sweetshop.netlify.app/login.html#](https://sweetshop.netlify.app/login.html#). The page header includes the "Sweet Shop" logo and navigation links: "Sweets", "About", "Login", and a "Basket" with a count of "2". The main heading is "Login", followed by the instruction: "Please enter your email address and password in order to login to your account." Below this, there are two input fields. The "Email address" field contains the text "unregisredemailaddress@gmail.com" and is circled in red. The "Password" field contains a series of dots. A blue "Login" button is positioned below the password field. At the bottom of the form, there are social media icons for Twitter, Facebook, and LinkedIn. The footer of the page reads "Sweet Shop Project 2018".

#### Step to Reproduce:

1. Open the following link: <https://sweetshop.netlify.app/login.html#>
2. Enter unregistered/wrong email address
3. Enter the wrong password
4. Click on Login

**Expected Result:** The system should not allow the user to log in to the system and it should display an error message to notify that the user is used the wrong password or email address.

**Actual Result:** The system allows a user to log in to the system with the wrong email address & wrong password.

- **Describe your overall opinion on the site's look and feel.**

As a QA Engineer I will put my opinion based on the following checklists that I believe they are the basic website testing checklists.

**1. Functionality Testing:**

I've tested the site's basic functionalities and I figured out that most of the functionalities are not working properly. And I also observed that there are broken links, improperly implemented functionalities etc.

**2. GUI Testing**

Based on my GUI testing, Sometimes the internal functions of the web app may work correctly. However, the user interface is not satisfying as a user. For example, proper error messages are not showing, GUI elements are not placed in the right place on different screens, font types & sizes are not consistent, etc.

**3. Security Testing:**

From the security testing perspective, the site didn't have user authentication and proper session management. As a shopping site security is the most important thing for an end user, so it needs a lot of work on this.

**4. Responsiveness Testing**

The site is currently responsive to different types of screen sizes & devices. This will be taken as the good side of the website.

Based on the above checklists I suggest the following improvements for the site

- To resolve the issues on the functionality, QA Engineer needs to do deep backend & frontend testing. Based on that, the team should resolve the issues according to their priority and severity.
- The software testing team should check the requirement documents & report if there are any missed requirements.
- For the GUI issues I've seen, it's better to have a design of all the pages before they get implemented. This will improve user interactivity & also easy to identify missed or inappropriate components for the tester.
- The page security issues will be resolved by the development team. The site should fulfill basic security standards and the QA tester should do a security test consistently to identify any vulnerabilities.