

Defect Report for <https://www.saucedemo.com/>

1. “Add to Cart” UI doesn’t update the cart icon

- **Summary:** After adding an item, the cart badge (top-right) doesn’t increment/display the item count.
- **Steps to Reproduce:**
 1. Log in as **standard_user** / **secret_sauce**
 2. Click **Add to cart** on any product
- **Expected:** Cart icon should show “1” (or the correct count)
- **Actual:** Icon remains blank, despite the item being added internally

2. “Reset App State” does not clear “Remove” button on inventory page

- **Summary:** Even after resetting, the product listing still shows “Remove” next to previously added items.
- **Steps:**
 1. Add item to cart
 2. Reset app state
- **Expected:** Buttons should revert to “Add to cart”
- **Actual:** “Remove” still shown—cart state not fully reset.

3 Checkout Input Validation is Incomplete

- **Steps to Reproduce:**
 1. Log in
 2. Add product to cart → Go to checkout
 3. Leave required fields blank (e.g. Zip Code or Last Name)
 4. Click Continue
- **Issue:** Only one error is shown (“First Name is required”) regardless of which fields are actually missing.
- **Expected:** Should list all missing fields or validate each correctly.

4. 🖼️ Broken Product Images for problem_user

- **Steps to Reproduce:**
 1. Log in as problem_user
 2. Check the product images
 - **Issue:** Most product images are either missing or broken.
 - **Impact:** Image loading is a core functional feature for e-commerce; this directly affects usability.
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5. 🧠 Reset App State Doesn't Fully Clear Cart UI

- **Steps:**
 1. Add items to cart
 2. Click "Reset App State"
- **Issue:** The cart may appear empty, but "Remove" buttons still show instead of "Add to Cart".
- **Expected:** UI should reflect reset state with no items and correct button labels.
- **Impact:** Functional bug affecting state management.

Some Functional Defects are showing here as below-

# Functional Area	Defect	Severity
1 Cart UI	Cart badge not updating	Medium
2 Checkout	Validation errors incomplete	Medium
3 Inventory	Broken images (problem_user)	Medium
4 Cart Persistence	Cart state lost	High
5 State Reset	Incomplete UI reset	Medium
6 Session Control	Back navigation bypasses logout	High