## 3. STD for Web App "Sauce Demo"

| Test Document Name | Project- "Sauce Demo" |
|---|---|
| Test Document Version | V.1 |
| Module(s) covered | Login, Product page, Cart, Checkout |
| Last Update By | Maya Ronen |
| Last Update Date | November 15, 2025 |
| Performed By | Maya Ronen |
| Total Testing Time (days) | 6 hours |

| Prerequisites | |
|---|---|
| 1 | Valid users with password:<br>　　1. standard_user, password: secret_sauce<br>　　2. locked_out_user, password: secret_sauce<br>　　3. problem_user, password: secret_sauce<br>　　4. performance_glitch_user, password: secret_sauce<br>　　5. error_user, password: secret_sauce<br>　　6. visual_user, password: secret_sauce |
| 2 | Create a new user: user name: "New", Password: "1234" |
| 3 | Create 6 products with full information: image, description, price |

| Sanity | | | |
|---|---|---|---|
| Steps | Action | Expected Result | Actual Results |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | Pass |
| 2 | Insert "standard_user" in the username field | "standard_user " display in username field | Pass |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | Pass |
| 4 | Press "Login" | Product page display with all 6 products | Pass |
| 5 | Press on "Add to cart" button for the "Sauce Labs Backpack" item | 1. Number "1" added to the cart icon<br>2. The "Add to cart" button changes to "Remove" button | Pass |
| 6 | Press on the cart icon | "Your Cart" page display with "Sauce Labs Backpack" item with quantity "1" and the correct price of "$29.99". | Pass |
| 7 | Press on the "Checkout" button | "Checkout: Your information" page display with 3 fields of:<br>　　1. First Name<br>　　2. Last Name<br>　　3. Zip/Postal code | Pass |
| 8 | Insert "A" in the first name field | "A" display in first name field | Pass |
| 9 | Insert "B" in the Last name field | "B" display in last name field | Pass |
| 10 | Insert "11111" in the zip code field | "11111" display in the zip code field | Pass |
| 11 | Press on "Continue" button | "Checkout: Overview" page display with:<br>　　1. Product name+ description+ quantity "1"+ price "$29.99"<br>　　2. Correct Payment Information with 5 digits of the card number<br>　　3. Correct shipping information<br>　　4. Correct total Price including tax | Pass |

| 12 | Press on "Finish" | "Checkout: Complete" page display with a successful message | **Pass** |
|----|----|----|----|
| 13 | Go to log analysis/ data saved in DB (such as kibana) | The data in DB is accurate: order is made successfully with the correct items and total price | **In this exercise, I don't have access to the database.** |

| Test case 1: Log in Page | | | |
|----|----|----|----|
| **Steps** | **Action** | **Expected Result** | **Actual Results** |
| **1.1 Functionality** | | | |
| **1.1.1 Log in with different EXISTING user than the Sanity test** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "problem_user" in the username field | "problem_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Fail- wrong image display for each product. Bug report #1** |
| | | | |
| **1.1.2 Log in with NEW user** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "New" in the username field | "New" display in username field | **Pass** |
| 3 | Insert "1234" in the password field | "1234" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **\*The demo doesn't support new user creation** |
| | | | |
| **1.2 Error Handling** | | | |
| **1.2.1 log in with password field empty** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Keep the password field empty | Password field is empty | **Pass** |
| 4 | Press "Login" | Error message display. Login fails | **Pass** |
| | | | |
| **1.2.2 Log in with user name field empty** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Keep the user's name field empty | User name field is empty | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Error message display. Login fails | **Pass** |
| | | | |
| **1.2.3 Log in with Incorrect password (handling with invalid input)** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "aaa" in the password field | "aaa" display in password field | **Pass** |
| 4 | Press "Login" | Error message display. Login fails | **Pass** |
| | | | |
| **1.3 Security** | | | |
| **1.3.1 Log in with unauthorized/locked user** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "locked_out_user" in the username field | "locked_out_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Error message display. Login fails | **Pass** |
| | | | |

| | **1.3.2 Log in with the wrong password for the same user more than the allowed limit (in this case, I chose 5)** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "**1**" in the password field | "**1**" display in password field | **Pass** |
| 4 | Press "Login" | Error message display. Login fails | **Pass** |
| 5 | Insert "**2333**" in the password field | "**2333**" display in password field | **Pass** |
| 6 | Press "Login" | Error message display. Login fails | **Pass** |
| 7 | Insert "secret_s" in the password field | "secret_s" display in password field | **Pass** |
| 8 | Press "Login" | Error message display. Login fails | **Pass** |
| 9 | Insert "secret_sauc" in the password field | "secret_sauc" display in password field | **Pass** |
| 10 | Press "Login" | Error message display. Login fails | **Pass** |
| 11 | Insert "AAAAAA" in the password field | "AAAAAA" display in password field | **Pass** |
| 12 | Press "Login" | 1. Error message display. Login fails<br>2. User "standard_user" is blocked in the DB | **\*The system is not configured for this case.** |
| 13 | Insert  the correct password "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 14 | Press "Login" | Error message display. Login fails | **\*The system is not configured for this case.** |
| | | | |
| **1.4 Performance** | | | |
| | **1.4.1 Log in while overloading the system with traffic** | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "performance_glitch_user" in the username field | "performance_glitch_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products in a reasonable time | **The page loads with the correct data but it takes more than 5 seconds to load the page** |

| **Test case 2: Product page** | | | |
|---|---|---|---|
| **Steps** | **Action** | **Expected Result** | **Actual Results** |
| **2.1 Functionality** | | | |
| | **2.1.1 Sorting product price (high to low)** | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press on the sorting button | Dropdown display with 4 sorting options:<br>1. Name (A to Z)<br>2. Name (Z to A)<br>3. Price (high to low)<br>4. Price (low to high) | **Pass** |
| 6 | Press on "Price (high to low)" | All 6 products are sorted price high to low | **Pass** |
| | | | |
| | **2.1.2 Sorting product Name (Z to A)** | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press on the sorting button | Dropdown display with 4 sorting options: | **Pass** |

| | | 5. Name (A to Z) | |
| | | 6. Name (Z to A) | |
| | | 7. Price (high to low) | |
| | | Price (low to high) | |
| 6 | Press on "Name (Z to A) | All 6 products are sorted name Z to A | **Pass** |
| | | | |

| | **2.1.3 Pressing on an item** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press on an item, for example on the "Sauce Labs Backpack" image | Item page display in a zoom mode | **Pass** |
| 6 | Pressing on the button "Back to products" | Product page display with all 6 products | **Pass** |
| | | | |

| | **2.1.4 Pressing "Add to Cart" and then "Remove"** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press "Add to cart" on the item "Sauce Labs Bike Light" | 1. The number "1" added to the cart icon<br>2. "Add to Cart" button changed into "Remove" | **Pass** |
| 6 | Press "Remove" on the item "Sauce Labs Bike Light" | 1. The number "1" removed from the cart icon<br>2. The button "removed" changed to "Add to cart" | **Pass** |
| 7 | Pressing the "Cart" icon | Verify the cart is empty | **Pass** |
| | | | |

| | **2.1.5 Adding multiple items** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press "Add to cart" on the item "Sauce Labs Bike Light" | 1. The number "1" added to the cart icon<br>**2.** "Add to Cart" button changed into "Remove" | **Pass** |
| 6 | Press "Add to cart" on the item "Sauce Labs Fleece Jacket" | 1. The number "2" added to the cart icon<br>2. "Add to Cart" button changed into "Remove" | **Pass** |
| 7 | Press "Add to cart" on the item "Sauce Labs Onesite" | 1. The number "3" added to the cart icon<br>2. "Add to Cart" button changed into "Remove" | **Pass** |
| | | | |

| **2.2 GUI** | | | |
|---|---|---|---|
| | **2.2.1 Verify GUI of the product page** | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "visual_user" in the username field | "visual_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products according to design | **Fail. Cart icon & hamburger menu is not align in the correct position (bug report #2), and a wrong "Sauce Labs Backpack" image** |

| | | | |
|---|---|---|---|
| **2.3 Accessibility** | | | |
| **2.3.1 Having "alt" text for the product image** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press right click on the image of "Sauce Labs Backpack" and open "inspect" | "<img alt=" Sauce Labs Backpack" display | **Pass** |
| | | | |
| **2.3.2 High contrast color according to the WCAG** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Keep the user's name field empty | User name field is empty | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | contrast ratio of images and text meets a contrast ratio of at least 4.5: 1 | **Pass** |
| 5 | Press right click on the title of "Sauce Labs Backpack" and open "inspect" | The CSS shows the color of: #18583a and the background is #fff. The contrast ratio is: **8.41**:1 | **Pass** |

| **Test case 3: Cart** | | | |
|---|---|---|---|
| **Steps** | **Action** | **Expected Result** | **Actual Results** |
| **3.1 Functionality** | | | |
| **3.1.1 Remove items from the cart page** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press "Add to cart" on the item "Sauce Labs Bike Light" | 1. The number "1" added to the cart icon 2. "Add to Cart" button changed into "Remove" | **Pass** |
| 6 | Press "Add to cart" on the item "Sauce Labs Fleece Jacket" | 1. The number "2" added to the cart icon 2. "Add to Cart" button changed into "Remove" | **Pass** |
| 7 | Press on the cart icon | Cart display the 2 items that were selected with their information and prices | **Pass** |
| 8 | Press on the "remove" button next to the "Sauce Labs Fleece Jacket" | The cart shows only 1 item | **Pass** |
| | | | |
| **3.2 Error Handling= Edge Case** | | | |
| **3.2.1 Adding items to cart, logout, and then login with same users and verify if the cart saved the items** | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press "Add to cart" on the item "Sauce Labs Bike Light" | 3. The number "1" added to the cart icon 4. "Add to Cart" button changed into "Remove" | **Pass** |
| 6 | Press "Add to cart" on the item "Sauce Labs Fleece Jacket" | 3. The number "2" added to the cart icon | **Pass** |

| | | 4. "Add to Cart" button changed into "Remove" | |
|---|---|---|---|
| 7 | On the hamburger menu- press "Log out" | Loging in page display | Pass |
| 8 | Insert "standard_user" in the username field | "standard_user" display in username field | Pass |
| 9 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | Pass |
| 10 | Press "Login" | 1. Product page display "Sauce Labs Bike Light" Sauce Labs Fleece Jacket"+ as selected<br>2. The cart shows 2 items | Pass |
| 11 | Pressing on the "Cart" icon | The cart display accurate data of the saved 2 items | Pass |
| | | | |
| | 3.2.2 Adding items to cart, logout, and then login with DIFFERENT users and verify the cart didn't display the saved items | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | Pass |
| 2 | Insert "standard_user" in the username field | "standard_user" display in username field | Pass |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | Pass |
| 4 | Press "Login" | Product page display with all 6 products | Pass |
| 5 | Press "Add to cart" on the item "Sauce Labs Bike Light" | 1. The number "1" added to the cart icon<br>2. "Add to Cart" button changed into "Remove" | Pass |
| 6 | Press "Add to cart" on the item "Sauce Labs Fleece Jacket" | 1. The number "2" added to the cart icon<br>2. "Add to Cart" button changed into "Remove" | Pass |
| 7 | On the hamburger menu- press "Log out" | Loging in page display | Pass |
| 8 | Insert "visual_user" in the username field | "visual_user" display in username field | Pass |
| 9 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | Pass |
| 10 | Press "Login" | 1. The product page doesn't show any selected items<br>2. The cart is empty | **Fail- the 2 items display as selected on the product page, and the cart icon shows "2".**<br>**Bug report # 3** |
| 11 | Pressing on the "Cart" icon | Cart is empty | **Fail- the cart is not empty** |

| Test case 4: Checkout | | | |
|---|---|---|---|
| Steps | Action | Expected Result | Actual Results |
| 4.1 Error Handling | | | |
| 4.1.1 Trying to complete the checkout process with first name field empty | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | Pass |
| 2 | Insert "standard_user" in the username field | "standard_user " display in username field | Pass |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | Pass |
| 4 | Press "Login" | Product page display with all 6 products | Pass |
| 5 | Press on "Add to cart" button for the "Sauce Labs Backpack" item | 1. Number "1" added to the cart icon<br>2. The "Add to cart" button changes to "Remove" button | Pass |
| 6 | Press on the cart icon | "Your Cart" page display with "Sauce Labs Backpack" item with quantity "1" and the correct price of "$29.99". | Pass |
| 7 | Press on the "Checkout" button | "Checkout: Your information" page display with 3 fields of:<br>1. First Name<br>2. Last Name<br>3. Zip/Postal code | Pass |
| 8 | Leave the "first name" field empty | First name field is empty | Pass |
| 9 | Insert "B" in the Last name field | "B" display in last name field | Pass |

| 10 | Insert "11111" in the zip code field | "11111" display in the zip code field | **Pass** |
|---|---|---|---|
| 11 | Press on "Continue" button | Error message display | **Pass** |
| | | | |

| | **4.1.2 Trying to complete the checkout process with invalid zip code such as "A"** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user " display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press on "Add to cart" button for the "Sauce Labs Backpack" item | 1. Number "1" added to the cart icon<br>**2.** The "Add to cart" button changes to "Remove" button | **Pass** |
| 6 | Press on the cart icon | "Your Cart" page display with "Sauce Labs Backpack" item with quantity "1" and the correct price of "$29.99". | **Pass** |
| 7 | Press on the "Checkout" button | "Checkout: Your information" page display with 3 fields of:<br>1. First Name<br>2. Last Name<br>**3.** Zip/Postal code | **Pass** |
| 8 | Insert "A" in the Last name field | First name field is empty | **Pass** |
| 9 | Insert "B" in the Last name field | "B" display in last name field | **Pass** |
| 10 | Insert "A" in the zip code field | "A" display in the zip code field | **Pass** |
| 11 | Press on "Continue" button | Error message display | **Fail. The checkout process continues** |
| | | | |

| | **4.1.3 "Cancel" the checkout and verify the order is cancelled and no charge is made** | | |
|---|---|---|---|
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | **Pass** |
| 2 | Insert "standard_user" in the username field | "standard_user " display in username field | **Pass** |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | **Pass** |
| 4 | Press "Login" | Product page display with all 6 products | **Pass** |
| 5 | Press on "Add to cart" button for the "Sauce Labs Backpack" item | 1. Number "1" added to the cart icon<br>**2.** The "Add to cart" button changes to "Remove" button | **Pass** |
| 6 | Press on the cart icon | "Your Cart" page display with "Sauce Labs Backpack" item with quantity "1" and the correct price of "$29.99". | **Pass** |
| 7 | Press on the "Checkout" button | "Checkout: Your information" page display with 3 fields of:<br>1. First Name<br>2. Last Name<br>**3.** Zip/Postal code | **Pass** |
| 8 | Insert "A" in the first name field | "A" display in first name field | **Pass** |
| 9 | Insert "B" in the Last name field | "B" display in last name field | **Pass** |
| 10 | Insert "11111" in the zip code field | "11111" display in the zip code field | **Pass** |
| 11 | Press on "Continue" button | "Checkout: Overview" page display with:<br>1. Product name+ description+ quantity "1"+ price "$29.99"<br>2. Correct Payment Information with 5 digits of the card number<br>3. Correct shipping information<br>Correct total Price including tax | **Pass** |
| 12 | Press on "Cancel" | 1. Checkout process ends. User directs to the product page<br>2. Cart still saving the item with the number "1" attached to the icon | |

| 13 | Go to log system analysis/ checking data in DB (such as kibana) | 1. The order was not made<br>2. No charge of credit card | **\*In this exercise, I don't have access to logs or the database.** |
|---|---|---|---|
| 14 | User enter its credit card account | No charge is made | **\*In this exercise, I don't have access to verify this data.** |
| | | | |

| **4.2 Security** | | | |
|---|---|---|---|
| **4.2.1 Verify the payment information is secured and not exposed** | | | |
| *Since there is no way to enter actual credit card details in this exercise, we'll assume such an option existed* | | | |
| 1 | Go to: https://www.saucedemo.com/ | Log in page display | |
| 2 | Insert "standard_user" in the username field | "standard_user " display in username field | |
| 3 | Insert "secret_sauce" in the password field | "secret_sauce" display in password field | |
| 4 | Press "Login" | Product page display with all 6 products | |
| 5 | Press on "Add to cart" button for the "Sauce Labs Backpack" item | 1. Number "1" added to the cart icon<br>2. The "Add to cart" button changes to "Remove" button | |
| 6 | Press on the cart icon | "Your Cart" page display with "Sauce Labs Backpack" item with quantity "1" and the correct price of "$29.99". | |
| 7 | Press on the "Checkout" button | "Checkout: Your information" page display with 3 fields of:<br>1. First Name<br>2. Last Name<br>3. Zip/Postal code | |
| 8 | Insert "A" in the first name field | "A" display in first name field | |
| 9 | Insert "B" in the Last name field | "B" display in last name field | |
| 10 | Insert "11111" in the zip code field | "11111" display in the zip code field | |
| 11 | Open devtools and move to the network tab | Network tab display with all requests | |
| 12 | Press on "Continue" button | 1. "Checkout: Overview" page display with option to insert payment information<br>2. Verify in the network tab> header of the request> HTTPS protocol display | |
| 13 | Type all payment information and press "continue" | At the network tab, press on the "POST" request of the payment information, verify the payment information details are encrypted and not exposed | |