

Tests report

Login Page Acceptance Criteria

1. The login page should prominently feature input fields, allowing users to securely enter their username/email and password.
2. Upon submission of valid login credentials, users should be seamlessly redirected to the Products page of the website.
3. If the login credentials are invalid, an alert should promptly display above the login button, providing clear information on the error encountered.

Products Page Acceptance Criteria

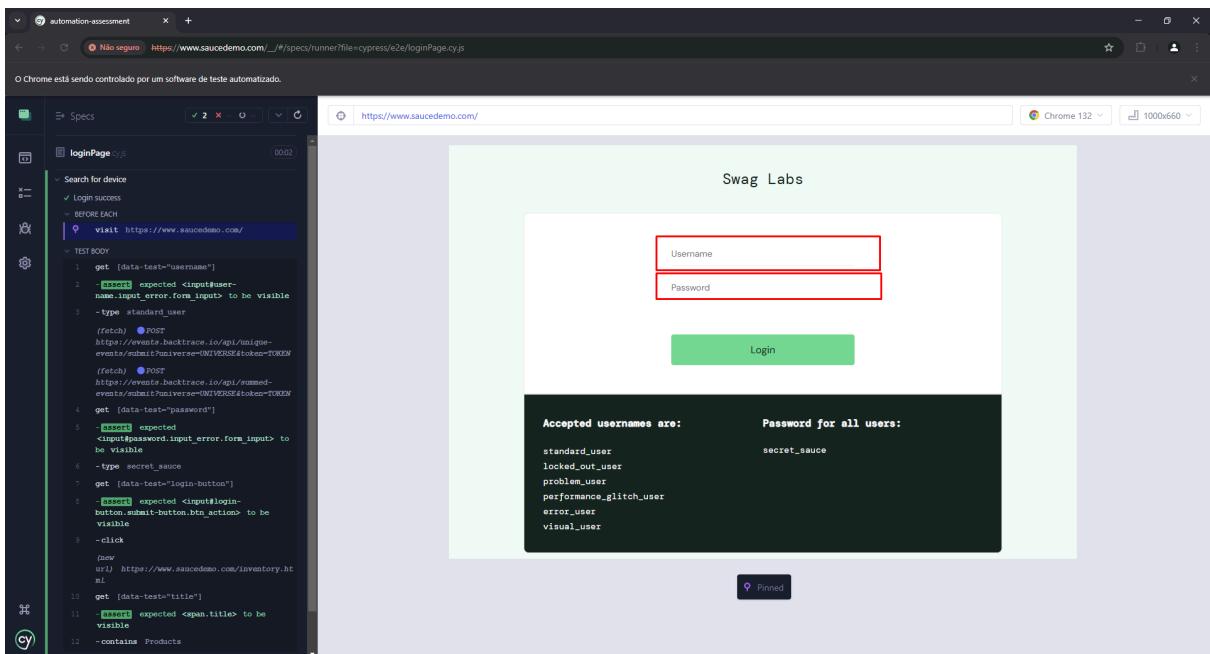
1. The Products page should present a structured grid layout showcasing all available products. Each product card shall contain the following elements:
 - a. Product Name
 - b. Product Description
 - c. Product Image
 - d. Price
 - e. An intuitively placed "Add to Cart" button for convenient purchasing.
2. Each product listing should be interactive, enabling users to click on them to access detailed product description pages for further information.
3. The page should feature user-friendly filters allowing sorting by price in both ascending and descending order, as well as alphabetical sorting in ascending and descending order. The default sorting order shall be by Price Ascending for enhanced user experience

Results

Login Page

1. Passed

Login page with fields



The screenshot shows a Cypress test runner window on the left and a browser window on the right. The browser window displays the Swag Labs login page. Two input fields ('Username' and 'Password') are highlighted with red boxes. Below the inputs is a green 'Login' button. To the right of the inputs, there is a text area containing accepted usernames and their corresponding passwords.

```
automation-assessment
https://www.saucedemo.com/_/specs/runner?file=cypress/e2e/loginPage.cy.js
O Chrome está sendo controlado por um software de teste automatizado.

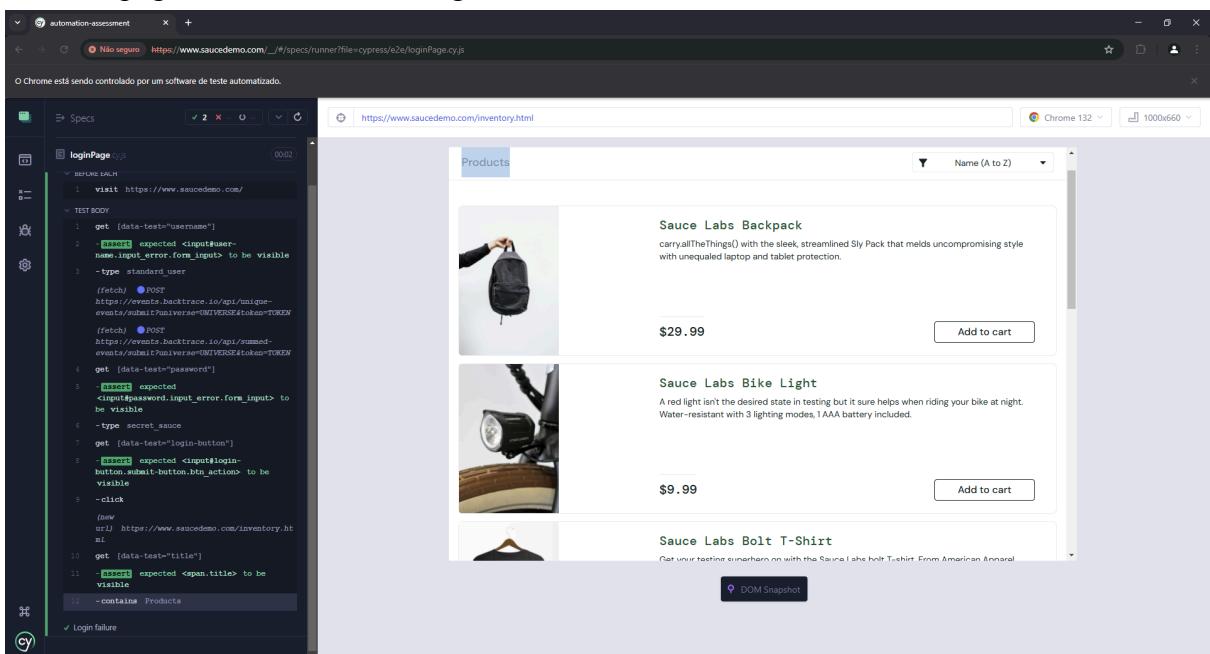
Specs
loginPage.e2e
0002
Search for device
  ✓ Login success
    ✓ BEFORE EACH
      ✓ visit https://www.saucedemo.com/
    TEST BODY
      1. get [data-test="username"]
      2. -assert expected <input#username_error.form_input> to be visible
      3. -type standard_user
        (fetch) ● POST https://events.backtrace.io/api/unique-events/submit?universe=UNIVERSE&token=TOKEN
        (fetch) ● POST https://events.backtrace.io/api/summed-events/submit?universe=UNIVERSE&token=TOKEN
      4. get [data-test="password"]
      5. -assert expected <input#password_error.form_input> to be visible
      6. -type secret_sauce
      7. get [data-test="login-button"]
      8. -assert expected <input#login-button.submit-button.btn_action> to be visible
      9. -click
        (new url) https://www.saucedemo.com/inventory.html
      10. get [data-test="title"]
      11. -assert expected <span.title> to be visible
      12. -contains Products
      ✓ Login failure
```

Accepted usernames are: standard_user locked_out_user problem_user performance_glitch_user error_user visual_user

Password for all users: secret_sauce

2. Passed

Products page, after a successful login



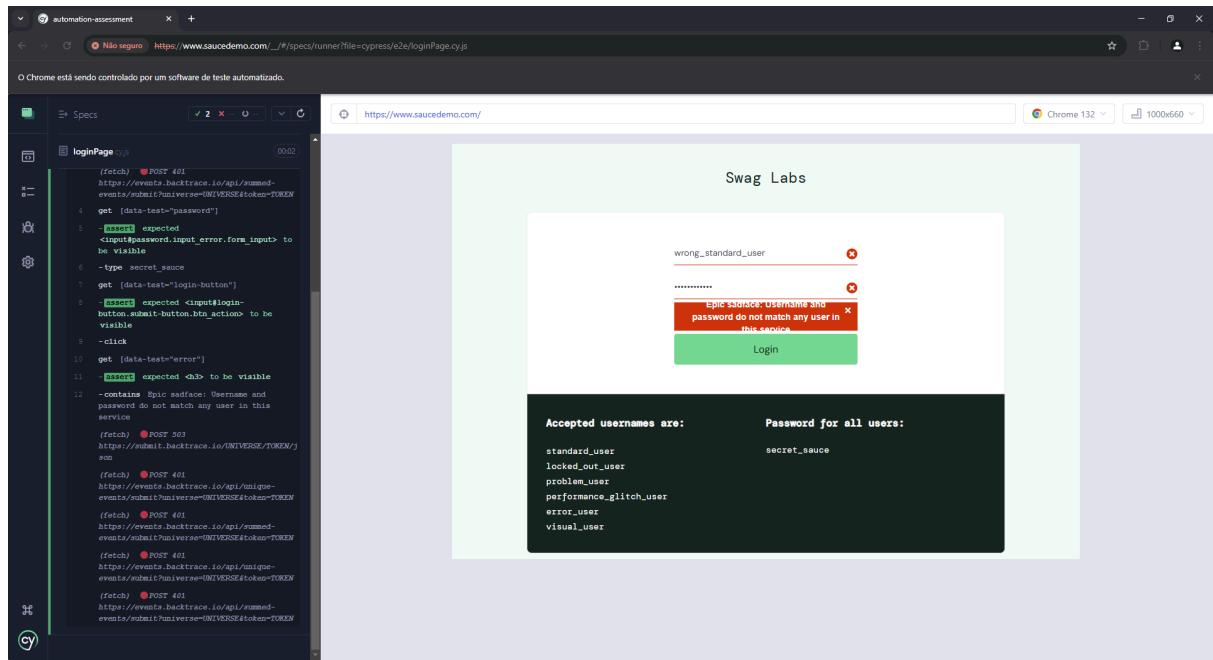
The screenshot shows a Cypress test runner window on the left and a browser window on the right. The browser window displays the Swag Labs products page. Three items are listed: 'Sauce Labs Backpack' (\$29.99), 'Sauce Labs Bike Light' (\$9.99), and 'Sauce Labs Bolt T-Shirt'. Each item has a 'Add to cart' button. A 'DOM Snapshot' button is visible at the bottom right of the products section.

```
automation-assessment
https://www.saucedemo.com/_/specs/runner?file=cypress/e2e/loginPage.cy.js
O Chrome está sendo controlado por um software de teste automatizado.

Specs
loginPage.e2e
0002
Search for device
  ✓ Login success
    ✓ BEFORE EACH
      ✓ visit https://www.saucedemo.com/
    TEST BODY
      1. get [data-test="username"]
      2. -assert expected <input#username_error.form_input> to be visible
      3. -type standard_user
        (fetch) ● POST https://events.backtrace.io/api/unique-events/submit?universe=UNIVERSE&token=TOKEN
        (fetch) ● POST https://events.backtrace.io/api/summed-events/submit?universe=UNIVERSE&token=TOKEN
      4. get [data-test="password"]
      5. -assert expected <input#password_error.form_input> to be visible
      6. -type secret_sauce
      7. get [data-test="login-button"]
      8. -assert expected <input#login-button.submit-button.btn_action> to be visible
      9. -click
        (new url) https://www.saucedemo.com/inventory.html
      10. get [data-test="title"]
      11. -assert expected <span.title> to be visible
      12. -contains Products
      ✓ Login failure
```

3. Passed

Failed login attempt



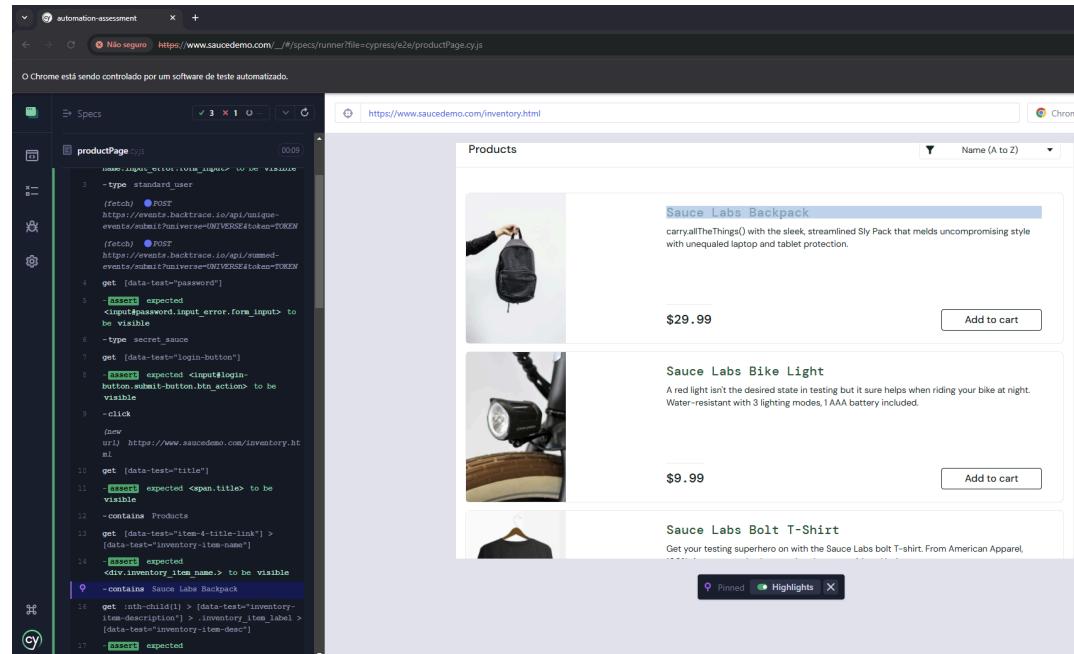
The screenshot shows a Cypress test runner window on the left and a browser window on the right. The test runner shows a spec named 'loginPage.cy.js' with several failing assertions. The browser window displays the 'Swag Labs' login page. Both the 'username' and 'password' fields are highlighted in red, with an error message: 'Epic sadface: Username and password do not match any user in this service'. Below the form, there is a green 'Login' button and a section titled 'Accepted usernames are:' followed by a list of valid users: standard_user, locked_out_user, problem_user, performance_glitch_user, error_user, and visual_user.

Product Page

1. Passed

a. Passed

Product name



The screenshot shows a Cypress test runner window on the left and a browser window on the right. The test runner shows a spec named 'productPage.cy.js' with several failing assertions. The browser window displays the 'Swag Labs' inventory page. It lists three products: 'Sauce Labs Backpack' (described as 'Carry all the things!'), 'Sauce Labs Bike Light' (described as 'A red light isn't the desired state in testing but it sure helps when riding your bike at night.'), and 'Sauce Labs Bolt T-Shirt' (described as 'Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel,'). Each product item includes a small image, the product name, its price (\$29.99 or \$9.99), and an 'Add to cart' button.

b. Passed

Product description

The screenshot shows a dual-pane view. On the left, the Cypress Test Runner displays a spec named 'productPage.cy.js' with 21 numbered assertions. Assertions 1 through 18 are related to the product description section, while 19 through 21 are for the image section. On the right, the saucedemo.com inventory page lists three products: 'Sauce Labs Backpack' (\$29.99), 'Sauce Labs Bike Light' (\$9.99), and 'Sauce Labs Bolt T-Shirt' (\$9.99). Each product has a thumbnail image, a title, a brief description, and an 'Add to cart' button.

```
productPage.cy.js
1 -> type standard_user
2   (fetch) ● POST https://events.backtrace.io/api/unique-events/submit?universe=UNIVERSE&token=TOKEN
3   (fetch) ● POST https://events.backtrace.io/api/numerical-events/submit?universe=UNIVERSE&token=TOKEN
4 get [data-test="password"]
5   assert expected <input#password.input_error.form_input> to be visible
6   -type secret_sauce
7   get [data-test="login-button"]
8     assert expected <input#login-button.submit-button.btn_action> to be visible
9   -click
10  (new url) https://www.saucedemo.com/inventory.html
11  get [data-test="title"]
12  assert expected <span.title> to be visible
13  -contains Products
14  get [data-test="item-4-title-link"] > [data-test="inventory-item-name"]
15  assert expected <div.inventory_item_name> to be visible
16  -contains Sauce Labs Backpack
17  get [nth-child(1) > [data-test="inventory-item-description"] > .inventory_item_label] > [data-test="inventory-item-desc"]
18  assert expected <div.inventory_item_desc> to be visible
19  -contains Sauce Labs Backpack
20  get [data-test="item-1-image"] > [data-test="inventory-item-sauce-labs-backpack-img"]
21  assert expected <img.inventory_item_img> to be visible
```

c. Passed

Product image

This screenshot is identical to the one above, showing the same test spec and product listing. The difference is in the test code, where assertion 19 is explicitly checking for the presence of the backpack image:

```
assert expected <img.inventory_item_img> to be visible
```

d. Passed
Product price

The screenshot shows a dual-pane interface. On the left, the Cypress UI displays a spec named 'productPage.cy.js' with code for testing a product page. On the right, a browser window shows a product listing for 'Sauce Labs Bike Light' at \$29.99, followed by 'Sauce Labs Bolt T-Shirt' at \$9.99, and 'Sauce Labs Fleece Jacket' at \$15.99. Each product has a thumbnail, a price, and an 'Add to cart' button.

e. Passed
Add to cart button

This screenshot is similar to the previous one but focuses on the 'Add to cart' functionality. The Cypress test code includes a click action on the 'Add to cart' button for the Sauce Labs Bike Light. The browser window shows the product page with the 'Add to cart' button highlighted in blue.

2. Passed

Clicking on Sauce Labs Bike Light

The screenshot shows a dual-pane interface. On the left, the Cypress test runner displays a spec file named 'productPage.cy.js' with code related to interacting with a product page. On the right, a browser window shows a product listing for a 'Sauce Labs Bike Light'. The product image is a black front-mounted bike light. The price is \$9.99, and there is an 'Add to cart' button. Below the main product, there are two more items: a 'Sauce Labs Bolt T-Shirt' and a 'Sauce Labs Fleece Jacket', each with its own image, price, and 'Add to cart' button.

Detailed product page and product name

This screenshot shows a detailed view of the 'Sauce Labs Bike Light' product page. The left pane shows the same test runner with the 'productPage.cy.js' spec file. The right pane shows a larger view of the product page, focusing on the 'Sauce Labs Bike Light'. The product image is a close-up of the light attached to a bicycle handlebar. The price is \$9.99, and there is an 'Add to cart' button. Below the product image, there are social sharing icons for Twitter, Facebook, and LinkedIn.

Product description

The screenshot shows a dual-pane interface. On the left, the Cypress test runner displays a spec named 'productPage.cy.js' with code for testing a product page. On the right, a browser window shows the product page for a 'Sauce Labs Bike Light'. The page includes a product image, a price of \$9.99, a 'Add to cart' button, and a detailed description: 'A red light isn't the desired state in testing but it sure helps when riding your bike at night. Water-resistant with 3 lighting modes, 1 AAA battery included.' The page also features social sharing icons and a footer with copyright information.

Product image

This screenshot is similar to the previous one but shows a different product image for the 'Sauce Labs Bike Light'. The product image now depicts a close-up of the bike light attached to a bicycle handlebar, showing its bright beam. The rest of the page, including the title, price, and description, remains the same.

Product price

The screenshot shows a browser window with two panes. The left pane displays a Cypress test spec named 'productPage.cy.js' with code for testing a product page. The right pane shows a screenshot of a product page for a 'Sauce Labs Bike Light'. The page includes a product image, a price of \$9.99, and an 'Add to cart' button. The browser status bar indicates it's running on Chrome 132 with a resolution of 1000x660.

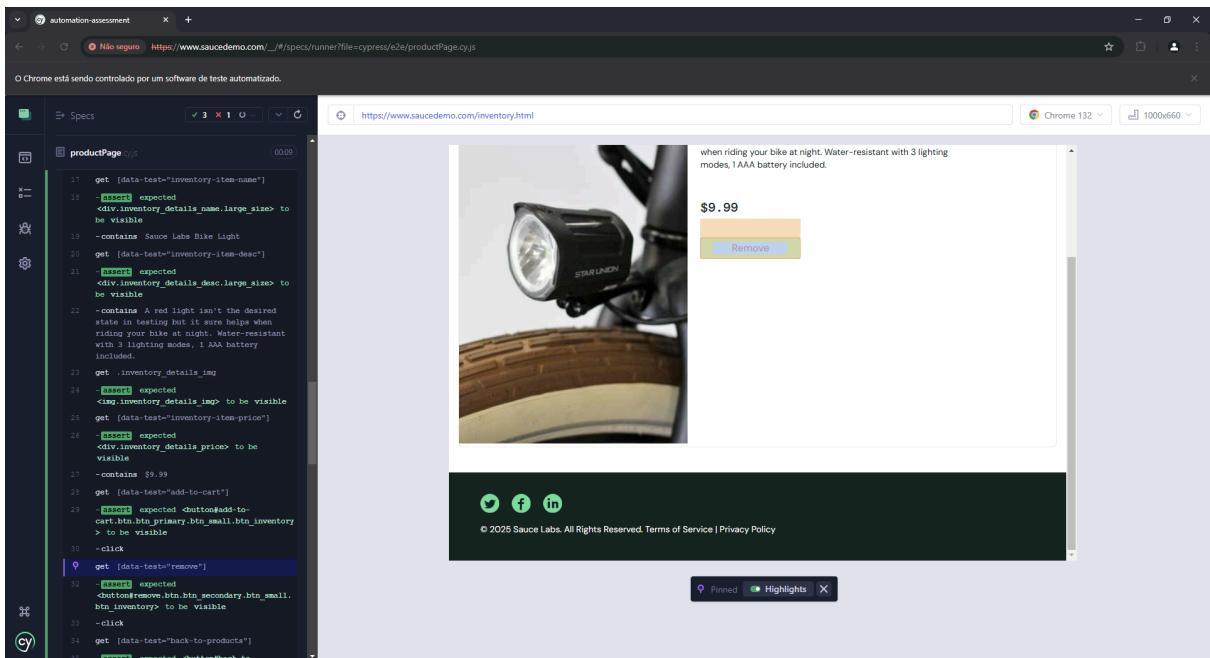
```
productPage.cy.js
0009
13 get '[data-test="inventory-item-name"]'
14 -expect expected [
15   <div.inventory_item_name>, 5 more...
16   to be visible
17   -contains Sauce Labs Bike Light
18   -click
19   (new
20     url https://www.saucedemo.com/inventory-
21     item.html?id=0
22   )
23   -expect expected [
24     <div.inventory_details_name.large_size> to
25     be visible
26     -contains A red light isn't the desired
27     state in testing but it sure helps when
28     riding your bike at night. Water-resistant
29     with 3 lighting modes, 1 AAA battery
30     included.
31   )
32   get '.inventory_details_img'
33   -expect expected [
34     <img.inventory_details_img> to be visible
35   )
36   get '[data-test="inventory-item-price"]'
37   -expect expected [
38     <div.inventory_details_price> to be
39     visible
40     -contains $9.99
41   )
42   get '[data-test="add-to-cart"]'
43   -expect expected <button.add-to-
44   cart.btn.btn_primary.btn_small.btn_inventory>
45   > to be visible
```

Add to cart button

The screenshot shows a browser window with two panes. The left pane displays the same Cypress test spec as the previous screenshot. The right pane shows the same product page for the 'Sauce Labs Bike Light'. After clicking the 'Add to cart' button, the button has changed to a blue 'Pinned' state. The browser status bar indicates it's running on Chrome 132 with a resolution of 1000x660.

```
-click
(new
url https://www.saucedemo.com/inventory-
item.html?id=0
)
get '[data-test="inventory-item-name"]'
-expect expected [
<div.inventory_item_name>, 5 more...
to be visible
-contains Sauce Labs Bike Light
get '[data-test="inventory-item-desc"]'
-expect expected [
<div.inventory_details_desc.large_size> to
be visible
-contains A red light isn't the desired
state in testing but it sure helps when
riding your bike at night. Water-resistant
with 3 lighting modes, 1 AAA battery
included.
get '.inventory_details_img'
-expect expected [
<img.inventory_details_img> to be visible
)
get '[data-test="inventory-item-price"]'
-expect expected [
<div.inventory_details_price> to be
visible
-contains $9.99
get '[data-test="add-to-cart"]'
-expect expected <button.add-to-
cart.btn.btn_primary.btn_small.btn_inventory>
> to be visible
-click
get '[data-test="remove"]'
-expect expected <button.remove.btn.btn_secondary.btn_small>
```

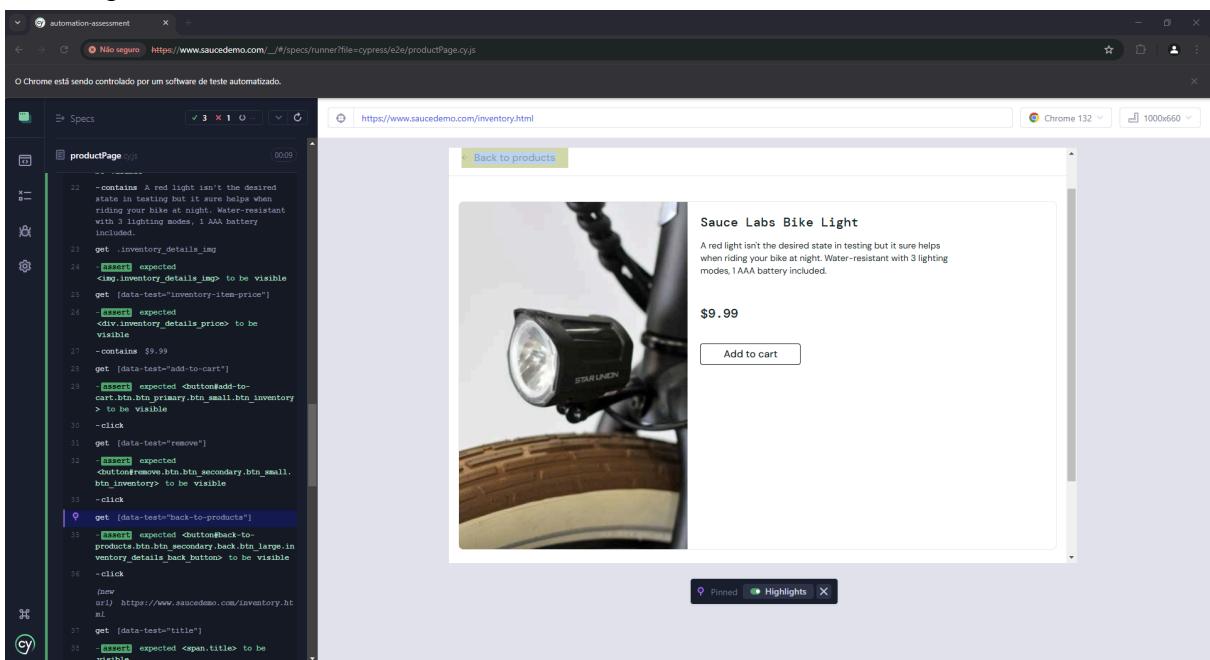
Remove button



The screenshot shows a browser window with two tabs. The left tab is a Cypress runner showing a spec named 'productPage' with step 0009. The right tab is a product page for a 'Sauce Labs Bike Light' on saucedemo.com. The page includes a product image, a price of \$9.99, and a 'Remove' button.

```
productPage.cypress
0009
17 get '[data-test="inventory-item-name"]'
18 expect <div.inventory_details_name> to be visible
19 -contains Sauce Labs Bike Light
20 get '[data-test="inventory-item-desc"]'
21 expect <div.inventory_details_desc> to be visible
22 -contains A red light isn't the desired state in testing but it sure helps when riding your bike at night. Water-resistant with 3 lighting modes, 1 AAA battery included.
23 get <div.inventory_details_img>
24 expect <img.inventory_details_img> to be visible
25 get '[data-test="inventory-item-price"]'
26 expect <div.inventory_details_price> to be visible
27 -contains $9.99
28 get '[data-test="add-to-cart"]'
29 expect <button.add-to-cart.btn.btn_primary.btn_small.btn_inventory> to be visible
30 -click
31 get '[data-test="remove"]'
32 expect <button.remove.btn.btn_secondary.btn_small.btn_inventory> to be visible
33 -click
34 get '[data-test="back-to-products"]'
35 expect <button.back-to-products.btn.btn_secondary.btn_large.btn_inventory> to be visible
```

Back to products button



The screenshot shows a browser window with two tabs. The left tab is a Cypress runner showing a spec named 'productPage' with step 0009. The right tab is a product page for a 'Sauce Labs Bike Light' on saucedemo.com. The page includes a product image, a price of \$9.99, and a 'Back to products' button.

```
productPage.cypress
0009
22 -contains A red light isn't the desired state in testing but it sure helps when riding your bike at night. Water-resistant with 3 lighting modes, 1 AAA battery included.
23 get <div.inventory_details_img>
24 expect <img.inventory_details_img> to be visible
25 get '[data-test="inventory-item-price"]'
26 expect <div.inventory_details_price> to be visible
27 -contains $9.99
28 get '[data-test="add-to-cart"]'
29 expect <button.add-to-cart.btn.btn_primary.btn_small.btn_inventory> to be visible
30 -click
31 get '[data-test="remove"]'
32 expect <button.remove.btn.btn_secondary.btn_small.btn_inventory> to be visible
33 -click
34 get '[data-test="back-to-products"]'
35 expect <button.back-to-products.btn.btn_secondary.btn_large.btn_inventory> to be visible
36 -click
37 (new url) https://www.saucedemo.com/inventory.html
38 get '[data-test="title"]'
39 expect <span.title> to be visible
```

3. Failed

Sort Name (A to Z)

The screenshot shows a dual-pane interface. On the left, the Cypress Test Runner displays a failing test named 'productPage.cy.js' with line 19 highlighted. The test code includes assertions for password input visibility and a dropdown sort selection. On the right, a browser window shows the 'Swag Labs' website's product page. A dropdown menu is open, showing 'Name (A to Z)' as the selected sorting option. Two products are listed: 'Sauce Labs Backpack' at \$29.99 and 'Sauce Labs Bike Light' at \$9.99. Both products have an 'Add to cart' button.

Sort Name (Z to A)

The screenshot shows a dual-pane interface. On the left, the Cypress Test Runner displays a failing test named 'productPage.cy.js' with line 19 highlighted. The test code includes assertions for password input visibility and a dropdown sort selection. On the right, a browser window shows the 'Swag Labs' website's product page. A dropdown menu is open, showing 'Name (Z to A)' as the selected sorting option. Two products are listed: 'Test.allTheThings() T-Shirt (Red)' at \$15.99 and 'Sauce Labs Onesie' at \$7.99. Both products have an 'Add to cart' button.

Sort Price (low to high)

The screenshot shows a browser window with two tabs. The left tab is a Cypress test runner titled "Specs" with a file named "productPage.cy.js". The right tab is a web browser displaying a product listing page for "Swag Labs". The page has a header "Swag Labs" and a section titled "Products". A dropdown menu shows "Price (low to high)" selected. Below it, there are two products listed:

- Sauce Labs Onesie**
A white onesie with a small blue star on the chest. Price: \$7.99. "Add to cart" button.
- Sauce Labs Bike Light**
A black bike light attached to a bicycle handlebar. Price: \$9.99. "Add to cart" button.

At the bottom of the page are "Pinned" and "Highlights" buttons.

Sort Price (high to low)

The screenshot shows a browser window with two tabs. The left tab is a Cypress test runner titled "Specs" with a file named "productPage.cy.js". The right tab is a web browser displaying a product listing page for "Swag Labs". The page has a header "Swag Labs" and a section titled "Products". A dropdown menu shows "Price (high to low)" selected. Below it, there are two products listed:

- Sauce Labs Fleece Jacket**
A grey quarter-zip fleece jacket. Price: \$49.99. "Add to cart" button.
- Sauce Labs Backpack**
A black backpack. Price: \$29.99. "Add to cart" button.

At the bottom of the page are "Pinned" and "Highlights" buttons.

Default sort order (Failed)

The screenshot shows a browser window with two tabs. The left tab is a Cypress test runner titled 'Specs' with the file 'productPage.cy.js'. It contains 10 test cases, with the 10th one failing due to a sorting issue. The right tab is a web browser displaying the 'Swag Labs' product page at <https://www.saucedemo.com/inventory.html>. The page lists two products: 'Sauce Labs Backpack' and 'Sauce Labs Bike Light'. The backpack is listed first, while the bike light is listed second.

```
productPage.cy.js
00:09
11  get('[data-test="inventory-item-name"]')
11    .should(expected)
11      .with('div.inventory_item_name').to.be.visible
16    - contains Sauce Labs Onesie
16      (fetch) POST 401
16        https://events.backtrace.io/api/unique-
16        events/submit?universe=UNIVERSE&token=TOKEN
16      (fetch) POST 401
16        https://events.backtrace.io/api/submit-
16        events/submit?universe=UNIVERSE&token=TOKEN
16      (fetch) POST 401
16        https://events.backtrace.io/api/submit-
16        events/submit?universe=UNIVERSE&token=TOKEN
16      AssertionFailedError
Timed out retrying after 4000ms: Expected to find
content: 'Sauce Labs Onesie' within the element:
<div>.inventory_item_name> but never did.
cypress/e2e/productPage.cy.js:18
1:18
179 |     .should('be.visible'
180 |     .first()
181 |     .contains('Sauce Lab
182 |     .))
183 |   )
184 | }

Sauces Labs Backpack
carryallTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style
with unequaled laptop and tablet protection.

$29.99 Add to cart

Sauces Labs Bike Light
A red light isn't the desired state in testing but it sure helps when riding your bike at night.
Water-resistant with 3 lighting modes, 1 AAA battery included.

$9.99 Add to cart
```

After the tests run, 9 of the 10 tests were done successfully, with the exception of the default sort which is not in accord with the specifications provided.