



**LAPORAN TUGAS AKHIR  
PENGUJIAN PERANGKAT LUNAK  
MENGGUNAKAN CYPRESS**

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**Disusun Oleh :**

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**FAKULTAS TEKNIK INFORMATIKA**

**PROGAM STUDI INFORMATIKA**

**2026**

## **1. Pendahuluan**

### **1.1 Latar Belakang**

Pengujian perangkat lunak merupakan tahapan penting dalam siklus pengembangan sistem untuk memastikan bahwa aplikasi berjalan sesuai dengan kebutuhan pengguna serta bebas dari kesalahan fungsional. Seiring dengan meningkatnya kompleksitas aplikasi berbasis web, diperlukan metode pengujian yang mampu menjamin kualitas sistem secara menyeluruh dan konsisten.

Aplikasi web SauceDemo yang digunakan dalam penelitian ini merupakan aplikasi simulasi e-commerce yang memiliki berbagai fitur utama, seperti autentikasi pengguna, pengelolaan produk, pengurutan data, manajemen keranjang belanja, serta proses checkout hingga penyelesaian pesanan. Banyaknya fitur tersebut menuntut proses pengujian yang sistematis agar seluruh fungsi berjalan sesuai dengan spesifikasi.

Pada laporan ini digunakan Cypress sebagai framework pengujian otomatis end-to-end (E2E). Cypress dipilih karena mampu menjalankan pengujian langsung pada browser, memiliki waktu eksekusi yang cepat, serta menyediakan hasil pengujian yang realistik sesuai dengan interaksi pengguna sebenarnya. Pengujian dilakukan mulai dari proses login hingga penyelesaian transaksi, termasuk skenario valid dan tidak valid.

Hasil dari pengujian ini didokumentasikan dalam bentuk laporan pengujian yang disertai bukti screenshot untuk setiap test case. Diharapkan laporan ini dapat memberikan gambaran menyeluruh mengenai kualitas aplikasi yang diuji serta menjadi dasar evaluasi dan pengembangan sistem selanjutnya.

## **2. Metodologi Pengujian**

### **2.1 Jenis dan Pendekatan Pengujian**

Jenis pengujian yang digunakan dalam penelitian ini adalah Black Box Testing, yaitu metode pengujian yang berfokus pada fungsionalitas sistem tanpa memperhatikan struktur kode internal. Pendekatan yang diterapkan adalah Automated End-to-End (E2E) Testing, di mana pengujian dilakukan secara otomatis untuk mensimulasikan alur penggunaan sistem dari awal hingga akhir.

### **2.2 Framework Pengujian**

Framework yang digunakan adalah Cypress, yaitu framework open-source berbasis JavaScript yang dirancang khusus untuk pengujian aplikasi web. Cypress mampu melakukan pengujian secara real-time pada browser dan menyediakan fitur assertion, screenshot, serta laporan hasil pengujian secara otomatis.

### **2.3 Lingkungan Pengujian**

Pengujian dilakukan dengan spesifikasi lingkungan sebagai berikut:

- Sistem Operasi : Windows 10
- Browser : Google Chrome
- Framework : Cypress v15.x
- Bahasa : JavaScript
- Jenis Uji : End-to-End (E2E)
- URL Pengujian : <https://www.saucedemo.com>

### **2.4 Alur Pengujian**

Alur pengujian dimulai dengan membuka halaman login, melakukan autentikasi pengguna, mengakses katalog produk, melakukan pengurutan dan pengelolaan keranjang belanja, hingga menyelesaikan proses checkout. Setiap skenario pengujian dieksekusi secara otomatis dan divalidasi menggunakan assertion. Screenshot diambil sebagai bukti keberhasilan setiap test case.

## **3. Dokumentasi Pengujian**

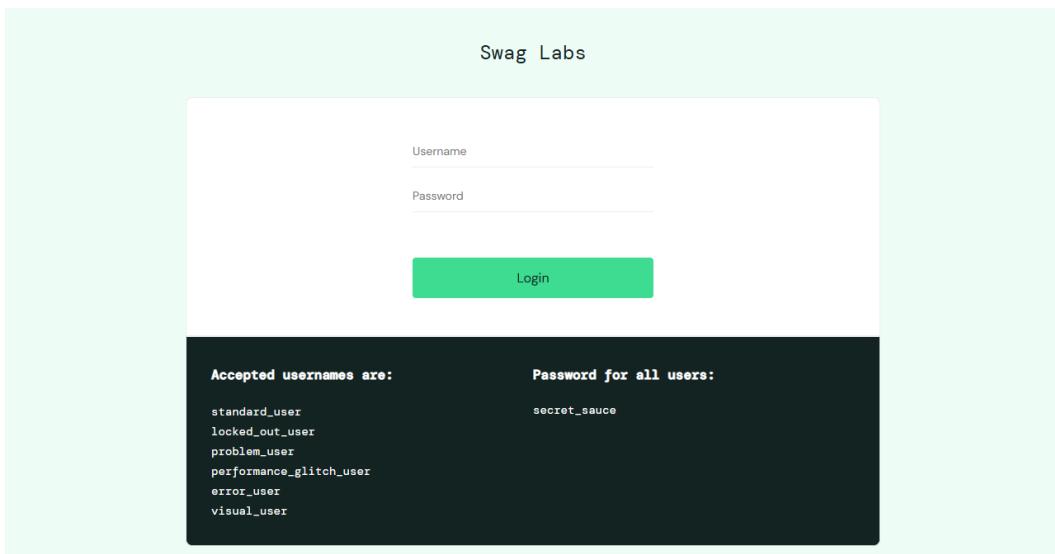
Pengujian sistem dilakukan menggunakan 30 test case yang mencakup seluruh fungsi utama aplikasi. Setiap test case dijalankan secara otomatis dan menghasilkan status PASS. Dokumentasi berikut menyajikan hasil pengujian beserta bukti screenshot.

### **3.1 Daftar Test Case**

1. Memuat halaman login dengan benar
2. Berhasil login dengan kredensial yang valid
3. Menampilkan error untuk user yang terkunci
4. Menampilkan error untuk kredensial tidak valid
5. Logout dari sistem
6. Menampilkan item inventaris setelah login
7. Mengurutkan produk berdasarkan harga (rendah ke tinggi)
8. Mengurutkan produk berdasarkan harga (tinggi ke rendah)
9. Mengurutkan produk berdasarkan nama (A-Z)
10. Mengurutkan produk berdasarkan nama (Z-A)
11. Navigasi ke halaman detail produk
12. Kembali ke halaman produk dari detail
13. Verifikasi harga produk di halaman detail
14. Menambahkan item ke keranjang dari inventaris
15. Menghapus item dari keranjang di inventaris
16. Menambahkan item ke keranjang dari halaman detail
17. Navigasi ke halaman keranjang
18. Menampilkan item yang ditambahkan di keranjang
19. Menghapus item dari halaman keranjang
20. Melanjutkan belanja dari keranjang
21. Melanjutkan ke checkout dari keranjang
22. Menampilkan error jika data checkout kosong
23. Melanjutkan ke ringkasan checkout dengan data valid
24. Menampilkan informasi pembayaran
25. Menyelesaikan pesanan dengan sukses
26. Kembali ke beranda setelah pesanan selesai
27. Membatalkan checkout dan kembali ke keranjang
28. Membatalkan ringkasan checkout dan kembali ke produk
29. Memverifikasi tautan media sosial
30. Memverifikasi tahun pada footer

Catatan: Bukti screenshot untuk masing-masing test case ditampilkan pada bagian ini dan disusun sesuai urutan test case (TC-01 hingga TC-30).

1. Memuat halaman login dengan benar



PASS\_1\_harus\_memuat\_halaman\_login\_dengan\_benar

2. Berhasil login dengan kredensial yang valid

**Sauce Labs Backpack**  
carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99      Add to cart

**Sauce 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

**Sauce Labs Bolt T-Shirt**  
Get your testing superhero on with the Sauce Labs bolt t-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99      Add to cart

**Sauce Labs Fleece Jacket**  
It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

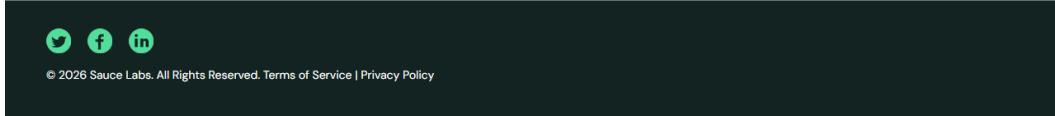
\$49.99      Add to cart

**Sauce Labs Onesie**  
Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel.

\$7.99      Add to cart

**Test.allTheThings() T-Shirt (Red)**  
This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99      Add to cart



PASS\_2\_harus\_berhasil\_login\_dengan\_kredensial\_yang\_valid

### 3. Menampilkan error untuk user yang terkunci (user locked out)

**Swag Labs**

locked\_out\_user  
.....  
Epic sadface: Sorry, this user has been locked out.

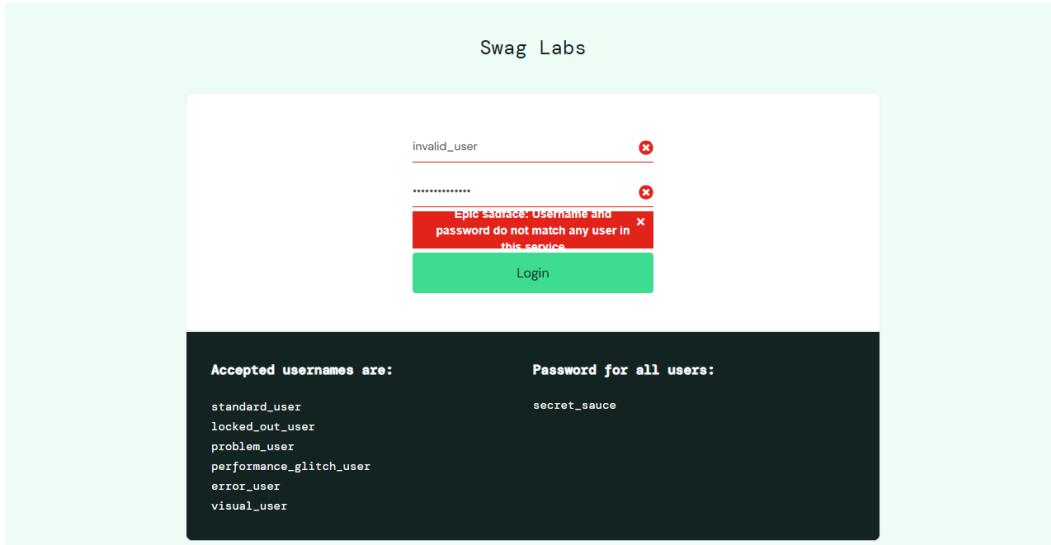
Login

**Accepted usernames are:**  
standard\_user  
locked\_out\_user  
problem\_user  
performance\_glitch\_user  
error\_user  
visual\_user

**Password for all users:**  
secret\_sauce

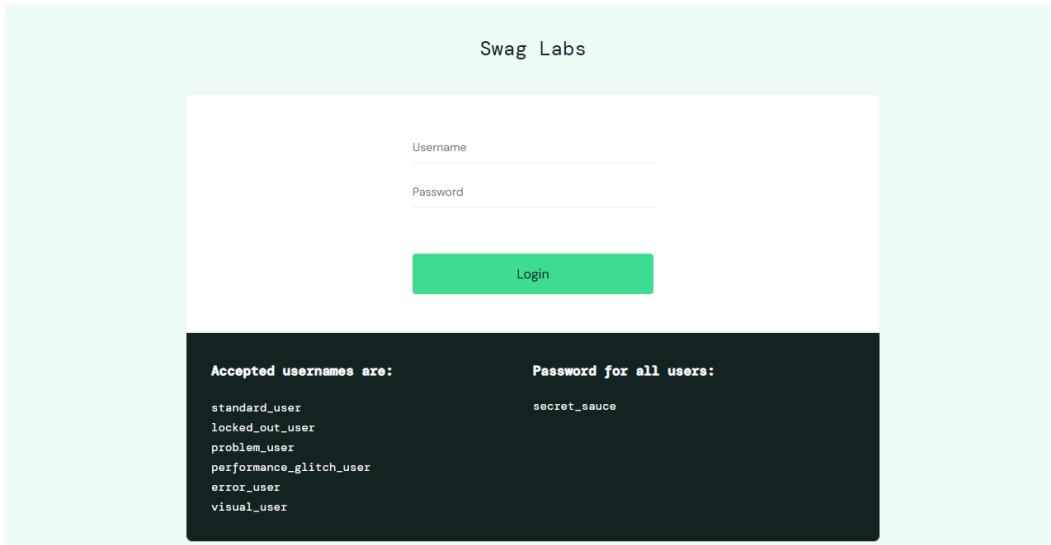
PASS\_3\_harus\_menampilkan\_error\_untuk\_user\_yang\_terkunci\_locked\_out

4. Harus menampilkan error untuk kredensial yang tidak valid



PASS\_4\_harus\_menampilkan\_error\_untuk\_kredensial\_yang\_tidak\_valid

5. Harus berhasil logout



PASS\_5\_harus\_berhasil\_logout

6. Harus menampilkan item inventaris setelah login

The screenshot shows a product catalog page for 'Swag Labs'. The page features a header with a menu icon, the site name 'Swag Labs', and a shopping cart icon. A search bar with the placeholder 'Name (A to Z)' is also present. The main content area displays six products in a grid:

- Sauce Labs Backpack**: \$29.99. Description: carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection. [Add to cart](#)
- Sauce Labs Bike Light**: \$9.99. 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. [Add to cart](#)
- Sauce Labs Bolt T-Shirt**: \$15.99. Description: Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt. [Add to cart](#)
- Sauce Labs Fleece Jacket**: \$49.99. Description: It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office. [Add to cart](#)
- Sauce Labs Onesie**: \$7.99. Description: Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel. [Add to cart](#)
- Test.allTheThings() T-Shirt (Red)**: \$15.99. Description: This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton. [Add to cart](#)

The footer of the page includes social media icons for Twitter, Facebook, and LinkedIn, and a copyright notice: © 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#).

PASS\_6\_harus\_menampilkan\_item\_inventaris\_setelah\_login

7. Harus mengurutkan produk berdasarkan Harga (rendah ke tinggi)



Products

▼ Price (low to high) ▼

**Sauce Labs Onesie**

Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel.

\$7.99

Add to cart

**Sauce 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

**Sauce Labs Bolt T-Shirt**

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart

**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce Labs Fleece Jacket**

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart

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PASS\_7\_harus\_mengurutkan\_produk\_berdasarkan\_harga\_rendah\_ke\_tinggi\_

8. Harus mengurutkan produk berdasarkan Harga (tinggi ke rendah)

≡

Swag Labs

Products

Price (high to low) ▾

**Sauce Labs Fleece Jacket**  
It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99 [Add to cart](#)

**Sauce Labs Backpack**  
carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99 [Add to cart](#)

**Sauce Labs Bolt T-Shirt**  
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\$15.99 [Add to cart](#)

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\$15.99 [Add to cart](#)

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\$9.99 [Add to cart](#)

**Sauce Labs Onesie**  
Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel.

\$7.99 [Add to cart](#)

[Twitter](#) [Facebook](#) [LinkedIn](#)

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PASS\_8\_harus\_mengurutkan\_produk\_berdasarkan\_harga\_tinggi\_ke\_rendah\_

9. Harus mengurutkan produk berdasarkan Nama (A ke Z)

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce 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

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\$15.99

Add to cart

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\$49.99

Add to cart

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\$7.99

Add to cart

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\$15.99

Add to cart



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PASS\_9\_harus\_mengurutkan\_produk\_berdasarkan\_nama\_a\_ke\_z\_

10. Harus mengurutkan produk berdasarkan Nama (Z ke A)



Products

Name (Z to A) ▾

**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart

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\$7.99

Add to cart

**Sauce Labs Fleece Jacket**

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart

**Sauce Labs Bolt T-Shirt**

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart

**Sauce 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

**Sauce Labs Backpack**

carryallTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

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PASS\_10\_harus\_mengurutkan\_produk\_berdasarkan\_nama\_z\_ke\_a

11. Harus menavigasi ke halaman detail produk

[← Back to products](#)**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

[Add to cart](#)

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PASS\_11\_harus\_menavigasi\_ke\_halaman\_detail\_produk

12. Harus kembali ke produk dari halaman detail

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce Labs Bike Light**

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\$9.99

Add to cart

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\$15.99

Add to cart

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\$49.99

Add to cart

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Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel.

\$7.99

Add to cart

**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart



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PASS\_12\_harus\_kembali\_ke\_produk\_dari\_halaman\_detail

13. Harus memverifikasi harga produk yang benar di halaman di halaman detail

[← Back to products](#)**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

[Add to cart](#)

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PASS\_13\_harus\_memverifikasi\_harga\_produk\_yang\_benar\_di\_halaman\_detail

14. Harus menambahkan item ke keranjang dari halaman inventaris

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

[Remove](#)**Sauce 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](#)**Sauce Labs Bolt T-Shirt**

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

[Add to cart](#)**Sauce Labs Fleece Jacket**

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

[Add to cart](#)**Sauce Labs Onesie**

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\$7.99

[Add to cart](#)**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

[Add to cart](#)

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PASS\_14\_harus\_menambahkan\_item\_ke\_keranjang\_dari\_halaman\_inventaris

15. Harus menghapus item dari keranjang dari halaman inventaris

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce 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

**Sauce Labs Bolt T-Shirt**

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart

**Sauce Labs Fleece Jacket**

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart

**Sauce Labs Onesie**

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\$7.99

Add to cart

**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart



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PASS\_15\_harus\_menghapus\_item\_dari\_keranjang\_dari\_halaman\_inventaris

16. Harus menambahkan item ke keranjang dari halaman detail



PASS\_16\_harus\_menambahkan\_item\_ke\_keranjang\_dari\_halaman\_detail

## 17. Harus menavigasi ke halaman keranjang



PASS\_17\_harus\_menavigasi\_ke\_halaman\_keranjang

18. Harus menampilkan item yang ditambahkan di keranjang

The screenshot shows a shopping cart page from 'Swag Labs'. At the top, there's a navigation bar with a menu icon, the 'Swag Labs' logo, and a shopping cart icon with a red notification badge containing the number '1'. Below the header, the text 'Your Cart' is displayed. A table follows, with columns for 'QTY' and 'Description'. There is one item listed: '1 Sauce Labs Backpack'. The description reads: 'carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.' To the right of the product details, the price '\$29.99' is shown, and to the far right of the row is a red 'Remove' button. At the bottom of the page, there are two buttons: a white 'Continue Shopping' button on the left and a green 'Checkout' button on the right. The footer of the page contains social media icons for Twitter, Facebook, and LinkedIn, along with the copyright notice '© 2026 Sauce Labs. All Rights Reserved. Terms of Service | Privacy Policy'.

PASS\_18\_harus\_menampilkan\_item\_yang\_ditambahkan\_di\_keranjang

19. Harus menghapus item dari halaman keranjang



Your Cart

QTY      Description

[Continue Shopping](#)[Checkout](#)© 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#)

PASS\_19\_harus\_menghapus\_item\_dari\_halaman\_keranjang

20. Harus melanjutkan belanja dari keranjang

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce 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

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\$15.99

Add to cart

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\$15.99

Add to cart



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PASS\_20\_harus\_melanjutkan\_belanja\_dari\_keranjang

21. Harus melanjutkan ke checkout dari keranjang



Checkout: Your Information

First Name
Last Name
Zip/Postal Code

[Cancel](#)[Continue](#)© 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#)

PASS\_21\_harus\_melanjutkan\_ke\_checkout\_dari\_keranjang

22. Harus menampilkan error jika info checkout hilang



Checkout: Your Information

First Name ×

Last Name ×

Zip/Postal Code ×

Error: First Name is required ×

Cancel

Continue



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PASS\_22\_harus\_menampilkan\_error\_jika\_info\_checkout\_hilang

23. Harus melanjutkan ke ringkasan checkout dengan info valid



## Checkout: Overview

QTY Description

## 1 Sauce Labs Backpack

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

**Payment Information:**

SauceCard #31337

**Shipping Information:**

Free Pony Express Delivery!

**Price Total**

Item total: \$29.99

Tax: \$2.40

**Total: \$32.39**[Cancel](#)[Finish](#)© 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#)

PASS\_23\_harus\_melanjutkan\_ke\_ringkasan\_checkout\_dengan\_info\_valid

24. Harus menampilkan info pembayaran di ringkasan



## Checkout: Overview

QTY Description

## 1 Sauce Labs Backpack

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

**Payment Information:**

SauceCard #31337

**Shipping Information:**

Free Pony Express Delivery!

**Price Total**

Item total: \$29.99

Tax: \$2.40

**Total: \$32.39**[Cancel](#)[Finish](#)© 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#)

PASS\_24\_harus\_menampilkan\_info\_pembayaran\_di\_ringkasan

25. Harus menyelesaikan pesanan dengan sukses



Checkout: Complete!



Thank you for your order!

Your order has been dispatched, and will arrive just as fast as the pony can get there!

[Back Home](#)



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PASS\_25\_harus\_menyelesaikan\_pesanan\_dengan\_sukses

26. Harus kembali ke beranda setelah pesanan selesai



Products

Name (A to Z) ▾

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce 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

**Sauce Labs Bolt T-Shirt**

Get your testing superhero on with the Sauce Labs bolt T-shirt. From American Apparel, 100% ringspun combed cotton, heather gray with red bolt.

\$15.99

Add to cart

**Sauce Labs Fleece Jacket**

It's not every day that you come across a midweight quarter-zip fleece jacket capable of handling everything from a relaxing day outdoors to a busy day at the office.

\$49.99

Add to cart

**Sauce Labs Onesie**

Rib snap infant onesie for the junior automation engineer in development. Reinforced 3-snap bottom closure, two-needle hemmed sleeves and bottom won't unravel.

\$7.99

Add to cart

**Test.allTheThings() T-Shirt (Red)**

This classic Sauce Labs t-shirt is perfect to wear when cozying up to your keyboard to automate a few tests. Super-soft and comfy ringspun combed cotton.

\$15.99

Add to cart

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PASS\_26\_harus\_kembali\_ke\_beranda\_setelah\_pesanan\_selesai

27. Harus membatalkan checkout dan kembali ke keranjang



Your Cart

QTY      Description

[Continue Shopping](#)[Checkout](#)© 2026 Sauce Labs. All Rights Reserved. [Terms of Service](#) | [Privacy Policy](#)

PASS\_27\_harus\_membatalkan\_checkout\_dan\_kembali\_ke\_keranjang

28. Harus membatalkan ringkasan checkout dan kembali ke produk

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce Labs Bike Light**

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\$9.99

Add to cart

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\$15.99

Add to cart

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\$49.99

Add to cart

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\$7.99

Add to cart

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\$15.99

Add to cart



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PASS\_28\_harus\_membatalkan\_ringkasan\_checkout\_dan\_kembali\_ke\_produk

29. Harus memiliki tautan media sosial yang berfungsi (cek visibilitas)

**Sauce Labs Backpack**

carry.allTheThings() with the sleek, streamlined Sly Pack that melds uncompromising style with unequalled laptop and tablet protection.

\$29.99

Add to cart

**Sauce 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

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\$15.99

Add to cart

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Add to cart

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\$7.99

Add to cart

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\$15.99

Add to cart



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PASS\_29\_harus\_memiliki\_tautan\_media\_sosial\_yang\_berfungsi\_cek\_visibilitas\_

30. Harus menampilkan tahun yang benar di footer copy

≡

Swag Labs

Products

Name (A to Z) ▾

\$29.99 Add to cart	\$9.99 Add to cart
\$15.99 Add to cart	\$49.99 Add to cart
\$7.99 Add to cart	\$15.99 Add to cart

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PASS\_30\_harus\_menampilkan\_tahun\_yang\_benar\_di\_footer\_copy

## 4. Temuan Bugs

Berdasarkan hasil pengujian terhadap 30 skenario pengujian yang telah dilakukan, tidak ditemukan bug fungsional kritis pada aplikasi SauceDemo. Seluruh fitur utama berjalan sesuai dengan hasil yang diharapkan dan mampu menangani skenario penggunaan normal maupun kondisi kesalahan (invalid input).

Meskipun demikian, pengujian lanjutan seperti pengujian performa dan keamanan tetap disarankan untuk memastikan kualitas sistem secara lebih menyeluruh.

## 5. Penutup

### 5.1 Kesimpulan

Berdasarkan hasil pengujian perangkat lunak menggunakan framework Cypress, dapat disimpulkan bahwa aplikasi web SauceDemo telah berfungsi dengan baik sesuai dengan kebutuhan sistem. Seluruh skenario pengujian yang dijalankan berhasil dilewati dengan status PASS, menunjukkan bahwa sistem mampu menangani proses autentikasi, pengelolaan produk, manajemen keranjang, serta proses checkout secara optimal.

Penggunaan Cypress terbukti efektif dalam melakukan pengujian otomatis end-to-end karena mampu menghasilkan pengujian yang cepat, konsisten, dan terdokumentasi dengan baik.

## 5.2 Saran

Untuk pengembangan selanjutnya, disarankan agar dilakukan:

- Pengujian performa untuk mengetahui ketahanan sistem terhadap beban tinggi
- Pengujian keamanan untuk mengidentifikasi potensi celah keamanan
- Integrasi pengujian otomatis ke dalam pipeline CI/CD

Dengan penerapan pengujian yang berkelanjutan, kualitas dan keandalan sistem dapat terus ditingkatkan.