

ID	PRIORITY	TEST DATA	CASE	STEPS	RESULT	PASS/FAIL	COMMENTS
1- LOGIN	HIGH	username: testuser password: password	Login is successful with valid credentials.	1- The user logs in to the system and enters the Login section. 2. Click on the Username container. 3- Enter the user name 4- Click on the Password container. 5- Enter the indicated password 6- Click on the Login button.	The login was successful.	PASS	This case was tested with cypress, with postman, also in manual tests directly in the application. Evidece check.
2- LOGIN	HIGH	username: password: password	Login is unsuccessful with invalid credentials. Empty user name.	1- The user logs in to the system and enters the Login section. 2- Enter the indicated password 3- Click on the Login button.	The login does not progress and the message “Login failed” appears on the screen.	PASS	This case was tested with cypress, with postman, also in manual tests directly in the application. Evidece check.
3- LOGIN	HIGH	username: testuser password:	Validate and verify that the login was not successful with invalid credentials. Empty password.	1- The user logs in to the system and enters the Login section. 2. Click on the Username container. 3- Enter the user name 4- Click on the Password container. 5- Click on the Login button.	The login does not progress and the message “Login failed” appears on the screen.	PASS	This case was tested with cypress, with postman, also in manual tests directly in the application. Evidece check.
4- LOGIN	HIGH	username: password:	Login with invalid credentials. Both parameters empty.	1- The user logs in to the system and enters the Login section. 2- Click on the Login button.	The login does not progress and the message “Login failed” appears on the screen.	PASS	This case was tested with cypress, with postman, also in manual tests directly in the application. Evidece check.

ID	PRIORITY	TEST DATA	CASE	STEPS	RESULT	PASS/FAIL	COMMENTS
5-DASHBOARD/PAGES	MEDIUM	Any data	Have access to a keyboard.	1- Press the ENTER key once. 2- Press the TAB key twice.	Redirects correctly	PASS	Manual test
6-DASHBOARD/PAGES	MEDIUM	Any data	Verify the correct navigation through the website using different browsers.	The site works locally, in all browsers and opens without any problem	Redirects correctly	PASS	Manual test
7- WEBSITE	LOW	Any data	Verify website performance, quality, and correctness using Lighthouse for desktop devices (Home page, Login page and Dashborad page).	1- Open CMD 2- Execute command lighthouse http://localhost:3000 --output html --output-path ./reporte.html before install Lighthouse. 3- Execute	Performance: 93 Accessibility: 91 Best Practices: 100 SEO: 100	PASS	Analysis performed with application
8-PRODUCT-ADD	HIGH	username: testuser password: password id: 1 name: Class Royal price: 100	Validate and verify that adding a new Product is successful with valid login and credentials.	1- Click on the Login request. 2- Enter the username and password indicated in Test Data. 3- Click on the Send button. 4- Click on the "Create a product" request. 5- Check that the method, URL and body are correct.	The response has the status code 201.	PASS	The response is the expected
9-PRODUCT-ADD	HIGH	username: testusersS password: passwordS id: 2 name: Pizza price: 10	Adding a new Product isn't successful with invalid login and valid credentials.	1- Add the information of the variables indicated in test data. 2- Click on the button.	The response has the status code 401 Unauthorized, the body shows error information and the new product cannot be created	FAIL	The response is the expected
10- PRODUCT-ADD	LOW	Any data	Adding a new product does not succeed if the ID has symbols.	1- Click on the " Product" request. 2- Check that the method, URL and body are correct.	The response has the status code 400 Bad Request, the body shows error information and the new product cannot be created	FAIL	The response is the expected

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11- PRODUCT-UPDATE	HIGH	id: 1	Validate and verify that the product isn't updated successfully, with valid parameter ID and empty fields.	1- Enter the information of the parameter and variables indicated in Test Data. 2- Click on the Send button.	The response has the status code 400 Bad Request and the Body is empty.	PASS	The response is the expected
12-PRODUCT-DELETE	HIGH	id: 1	Verify that the product cannot be deleted with invalid ID (is empty).	1- Enter the information of the parameter indicated in Test Data. 2- Click on the Send button.	The response has the status code 405 Method Not Allowed and the error message is displayed in the Body	PASS	The response is the expected
13-ORDER-CREATE	HIGH	username: testuser password: password id: 1 productName: Test quantity: 10 status: Esto es un test	Adding a new Order is successful	1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button.	The order is created successfully. The status code, body and response time are correct.	PASS	The response is the expected
13-ORDER-CREATE	CRITICAL	id: 5 quantity: 300 status: OK	Validate and verify that adding a new Order isn't successful without Product Name.	1- Enter the information of the variables indicated in Test Data. 2- Click on the Send button.	The order is created even without Product name field.	FAIL	Another response was expected, there should be an alert or stop registration.
14-ORDER-CREATE	CRITICAL	id: 5 id: 5	Create several orders with the same ID	1- Register an order with an ID by filling in all the fields. 2- Click on the Send button. 3- Register another order with the same ID	The orders are created with the same id, even the same name and others field.	FAIL	The app failed

ID	PRIORITY	TEST DATA	CASE	STEPS	RESULT	PASS/FAIL	COMMENTS
15- ORDER-UPDATE	HIGH	id: 1	Validate and verify that the product isn't updated successfully, with valid parameter of test data	1- Enter the information of the parameter in Test Data. 2- Click on the Send button.	The response has the status code 400 Bad Request and the Body is empty.	PASS	The response is the expected
15- ORDER-DELETE	HIGH		Validate that an order can be deleted successfully	1- Select the ID number of the order. 2- Click on the Send button. 3- Verify that the order was deleted	The response has the status code 404	PASS	The response is the expected

LEGEND:

CRITICAL

Impact: Affects the basic functioning or availability of the site.
Examples: Site does not load, payment errors, data loss, critical security flaws.
Priority: Urgent; must be resolved immediately.

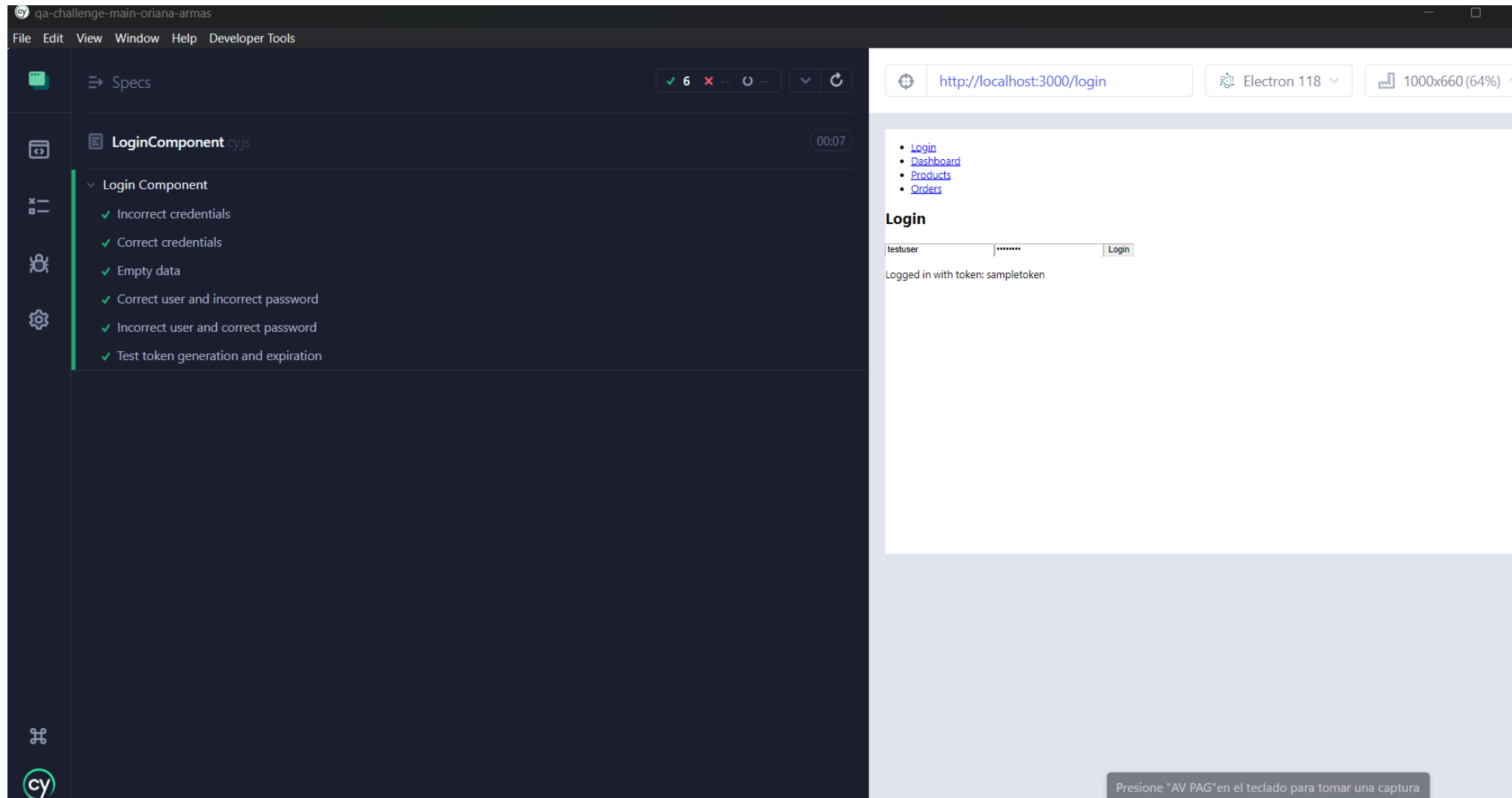
HIGH

Impact: Affects important functionality, user experience or causes visible failures.
Examples: Errors in the purchase flow, problems in core forms, excessive load times.
Priority: High; must be resolved soon to avoid impact on users.

LOW

Impact: Minor bugs; do not affect functionality or main navigation.
Examples: Minor visual problems, typographical errors, slight design lags.
Priority: Low; may be fixed in future versions or as available.

EVIDENCE CASE #01 CYPRESS



The screenshot displays the Cypress test runner interface on the left and the application under test on the right.

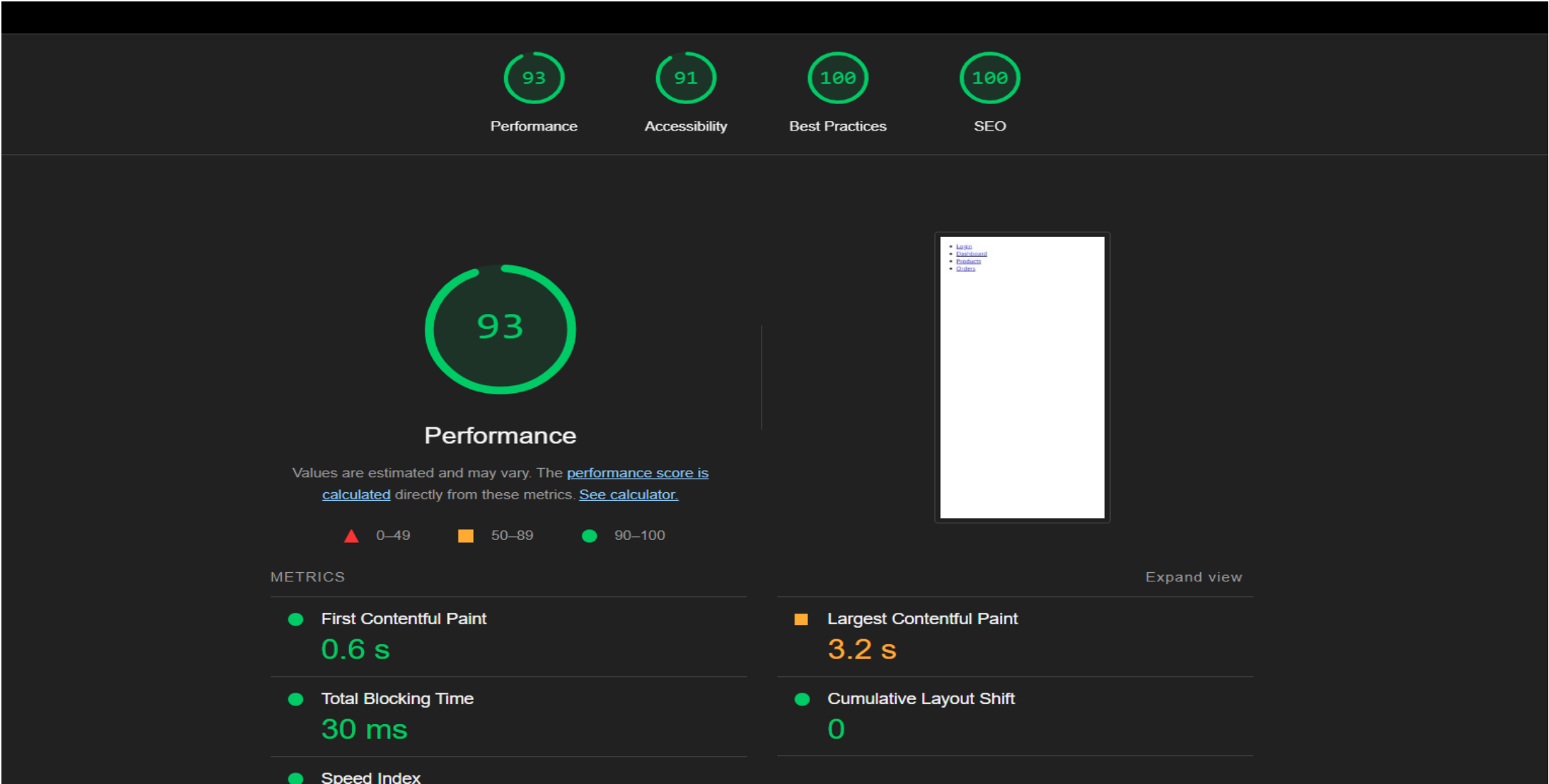
Cypress Test Runner (Left Panel):

- Specs: 6 tests passed, 0 failed, 0 pending.
- Test Suite: LoginComponent.cy.js (00:07)
- Test Cases (all passed):
 - ✓ Incorrect credentials
 - ✓ Correct credentials
 - ✓ Empty data
 - ✓ Correct user and incorrect password
 - ✓ Incorrect user and correct password
 - ✓ Test token generation and expiration

Application Interface (Right Panel):

- URL: <http://localhost:3000/login>
- Environment: Electron 118
- Resolution: 1000x660 (64%)
- Navigation Links:
 - [Login](#)
 - [Dashboard](#)
 - [Products](#)
 - [Orders](#)
- Login Form:**
 - Username: testuser
 - Password: [REDACTED]
 - Button: Login
- Message: Logged in with token: sampletoken
- Footer: Presione "AV PAG" en el teclado para tomar una captura de pantalla

ACCESITIBILY



ANALYSIS Lighthouse

```
C:\Windows\system32\cmd.e: X + v
Microsoft Windows [Versión 10.0.22631.4391]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\oarma>npm install -g lighthouse

added 163 packages in 6s

11 packages are looking for funding
  run 'npm fund' for details

C:\Users\oarma>lighthouse http://localhost:5044 --output html --output-path ./reporte.html
✓ We're constantly trying to improve Lighthouse and its reliability.
Learn more: https://github.com/GoogleChrome/lighthouse/blob/main/docs/error-reporting.md
May we anonymously report runtime exceptions to improve the tool over time?
We'll remember your choice, but you can also use the flag --[no-]enable-error-reporting (y/N) · true
LH:ChromeLauncher Waiting for browser. +0ms
LH:ChromeLauncher Waiting for browser... +1ms
LH:ChromeLauncher Waiting for browser.... +518ms
LH:ChromeLauncher Waiting for browser.....✓ +1ms
LH:status Connecting to browser +489ms
LH:status Navigating to about:blank +13ms
LH:status Benchmarking machine +10ms
LH:status Preparing target for navigation mode +1s
LH:status Cleaning origin data +24ms
LH:status Cleaning browser cache +14ms
LH:status Preparing network conditions +15ms
LH:status Navigating to http://localhost:5044/ +53ms
LH:Navigational:error Provided URL (http://localhost:5044/) did not match initial navigation URL (chrome-error://chromewebdata/) +2s
LH:NavigationalRunner:error Chrome prevented page load with an interstitial. Make sure you are testing the correct URL and that the server is properly respo
nding to all requests. http://localhost:5044/ +95ms
LH:status Analyzing and running audits... +20ms
LH:status Auditing: Uses HTTPS +2ms
LH:is-on-https:warn Caught exception: CHROME_INTERSTITIAL_ERROR +0ms
LH:status Auditing: Redirects HTTP traffic to HTTPS +2ms
LH:redirects-http:warn Caught exception: CHROME_INTERSTITIAL_ERROR +0ms
LH:status Auditing: Has a '<meta name="viewport">' tag with 'width' or 'initial-scale' +1ms
LH:viewport:warn Caught exception: CHROME_INTERSTITIAL_ERROR +0ms
LH:status Auditing: First Contentful Paint +2ms
LH:first-contentful-paint:warn Caught exception: CHROME_INTERSTITIAL_ERROR +4ms
LH:status Auditing: Largest Contentful Paint +1ms
LH:largest-contentful-paint:warn Caught exception: CHROME_INTERSTITIAL_ERROR +1ms
```