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**Facultad de Ingeniería y Tecnologías**  
**Tópicos avanzados en ingeniería de software**

**Testing de Accesibilidad**

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## Introducción

Para el análisis de la accesibilidad se ha utilizado Axe DevTools, el cual, nos deja resultados a mejorar de las distintas interfaces de usuario.

## Análisis del Login

The screenshot displays the Axe DevTools interface within a web browser. The top navigation bar includes tabs for Elements, Console, Sources, and axe DevTools. The main header features the Axe DevTools logo, a 'Sign up / Sign in' link, and a 'start new scan' button. Below the header, there are input fields for 'Test Name' and 'Test URL', with 'Test URL' containing the address 'https://tais-d3ba8.web.app/user/login'. Action buttons for 'SAVE TEST' and 'RE-RUN SCAN' are positioned to the right of these fields. The central section presents the test results, starting with a 'TOTAL ISSUES' box showing the number '12'. To the right of this box is a detailed breakdown of the issues: 'AUTOMATIC ISSUES' (12), 'GUIDED ISSUES' (0), 'Needs Review' (2), and 'Best Practice' (6). A further breakdown shows 'Critical' (3), 'Moderate' (6), 'Serious' (1), and 'Minor' (0) issues. At the bottom, there are controls for 'Best Practices' (set to 'ON') and 'WCAG 2.1 AAA', along with a download icon. A small '2' in a blue circle is visible in the top right corner of the results panel.

TOTAL ISSUES	
12	

Category	Count
AUTOMATIC ISSUES	12
GUIDED ISSUES	0
Needs Review	2
Best Practice	6
Critical	3
Moderate	6
Serious	1
Minor	0

Best Practices: **ON**    WCAG 2.1 AAA

Descripción del resultado

Issues: Total Issues		10
	<a href="#">Images must have alternate text</a>	1 ▶
	<a href="#">Form elements must have labels</a>	2 ▶
	<a href="#">Document should have one main landmark</a>	1 ▶
	<a href="#">All page content should be contained by landmarks</a>	4 ▶
	<a href="#">Elements must have sufficient color contrast</a>	2 ▶

Análisis de la página principal

ax

DevTools  
axe-core 4.4.2

[Sign up](#) / [Sign in](#)

+

start new scan

⋮

Overview

Guided Tests

Test Name

SAVE TEST

Test URL

RE-RUN SCAN

https://tais-d3ba8.web.app/home

TOTAL ISSUES

21

1






AUTOMATIC ISSUES	21
GUIDED ISSUES	0
Needs Review	1
Best Practice	19
Critical	0
Serious	1
Moderate	19
Minor	0

Best Practices: ON

WCAG 2.1 AAA

↓

Descripción del resultado

Issues: Total Issues		21
	<a href="#">ARIA hidden element must not be focusable or contain focusable elements</a>	1 ▶
	<a href="#">Document should have one main landmark</a>	1 ▶
	<a href="#">Page should contain a level-one heading</a>	1 ▶
	<a href="#">All page content should be contained by landmarks</a>	17 ▶
	<a href="#">Elements must have sufficient color contrast</a>	1 ▶

Análisis de la interfaz de creación de producto

Elements

Console

Sources


axe DevTools

1


⚙

⋮

✕

 **DevTools**  
axe-core 4.4.2

[Sign up](#) / [Sign in](#)

 start new scan

⋮

Overview

Guided Tests

Test Name

SAVE TEST

Test URL

RE-RUN SCAN

<https://tais-d3ba8.web.app/home/new>

TOTAL ISSUES

14

AUTOMATIC ISSUES.....14

GUIDED ISSUES.....0

Needs Review.....2


Best Practice.....11

Critical.....0 Serious.....1






Moderate.....11 Minor.....0

Best Practices: **ON**

WCAG 2.1 AAA



Descripción del resultado

Issues: Total Issues		14
	<a href="#">ARIA hidden element must not be focusable or contain focusable elements</a>	1 ▶
	<a href="#">Document should have one main landmark</a>	1 ▶
	<a href="#">Page should contain a level-one heading</a>	1 ▶
	<a href="#">All page content should be contained by landmarks</a>	9 ▶
	<a href="#">Elements must have sufficient color contrast</a>	2 ▶







## Análisis de la modificación de producto

The screenshot shows the axe DevTools interface. At the top, there's a navigation bar with tabs for Elements, Console, Sources, and axe DevTools. The axe DevTools tab is active, showing the axe logo and version (axe-core 4.4.2). There are links for Sign up and Sign in, and a button for start new scan. Below the navigation bar, there are two tabs: Overview and Guided Tests. The Overview tab is selected. It shows a Test Name field and a SAVE TEST button. Below that is a Test URL field with the value https://tais-d3ba8.web.app/product/update/39391818 and a RE-RUN SCAN button. The main section displays the scan results. On the left, there's a box labeled TOTAL ISSUES with a large number 20. On the right, there's a table of results:

AUTOMATIC ISSUES	20
GUIDED ISSUES	0
Needs Review	5
Best Practice	14
Critical	0
Serious	1
Moderate	14
Minor	0

At the bottom, there are buttons for Best Practices: ON and WCAG 2.1 AAA, and a download icon.

Descripción del resultado

Issues: Total Issues		20
	<a href="#">ARIA hidden element must not be focusable or contain focusable elements</a>	1 ▶
	<a href="#">Document should have one main landmark</a>	1 ▶
	<a href="#">Page should contain a level-one heading</a>	1 ▶
	<a href="#">All page content should be contained by landmarks</a>	12 ▶
	<a href="#">Elements must have sufficient color contrast</a>	5 ▶