

Accessibility Audit

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Project: {{PROJECT_NAME}} Version: {{VERSION}} Date: {{DATE}}

Author: {{AUTHOR}} Status: Draft | In Review | Approved Reviewers:

{{REVIEWERS}}

Document History

Version	Date	Author	Changes
0.1	{{DATE}}	{{AUTHOR}}	Initial draft

1. Compliance Target

Standard	Level	Notes
WCAG 2.1	AA	Minimum required
WCAG 2.1	AAA	Target for critical flows (checkout, forms)
EN 301 549	Applicable	If serving EU public sector
Section 508	{{Yes/No}}	If US federal contract

Audit date: {{DATE}} Auditor: {{NAME}} Next scheduled audit: {{DATE}}

2. Audit Methodology

2.1 Automated Testing

- **axe-core:** Integrated in Storybook + CI (via `@axe-core/playwright`)
- **Lighthouse:** Accessibility score tracked in CI (target: ≥ 95)
- **pally:** Run on full page URLs in staging environment

2.2 Manual Testing

- Keyboard-only navigation on all critical user flows
- Screen reader testing (see matrix in Section 6)
- Zoom test: 200% browser zoom — no loss of content or functionality
- Reflow test: 320px viewport width

2.3 User Testing

- `{{Yes – included users with disabilities in user testing | No – planned for future}}`:
`{{Notes}}`

3. Perceivable

1.1 Text Alternatives

Criterion	Status	Notes	Issue Ref
1.1.1 Non-text Content (A)	<code>{{Pass}}</code>	All <code></code> have <code>alt</code> ; decorative images use <code>alt=""</code>	

Checklist:

- All `` elements have descriptive `alt` text or `alt=""`
- Icon buttons have `aria-label`
- Complex images (charts, diagrams) have long descriptions
- CAPTCHAs have audio alternative
- SVG icons: meaningful \rightarrow `role="img" aria-label="..."`, decorative \rightarrow `aria-hidden="true"`

TODO: Run `axe` and list all violations.

1.2 Time-based Media

Criterion	Status	Notes	Issue Ref
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1.2.1 Audio-only / Video-only (A)	{{Pass/Fail/N/A}}		
1.2.2 Captions (A)	{{Pass/Fail/N/A}}		
1.2.3 Audio Description (A)	{{Pass/Fail/N/A}}		
1.2.4 Captions Live (AA)	{{Pass/Fail/N/A}}		
1.2.5 Audio Description Prerecorded (AA)	{{Pass/Fail/N/A}}		

TODO: Audit all video/audio content on the platform.

1.3 Adaptable

Criterion	Status	Notes	Issue Ref
1.3.1 Info and Relationships (A)	{{Pass/Fail}}	Semantic HTML for tables, lists, headings	
1.3.2 Meaningful Sequence (A)	{{Pass/Fail}}	DOM order matches visual order	
1.3.3 Sensory Characteristics (A)	{{Pass/Fail}}	No "click the red button" instructions	
1.3.4 Orientation (AA)	{{Pass/Fail}}	No locked orientation	
1.3.5 Identify Input Purpose (AA)	{{Pass/Fail}}	<code>autocomplete</code> on all personal data fields	

Checklist:

- Tables use `<th>` with `scope` attributes
- Heading hierarchy is logical (H1 → H2 → H3, no skipped levels)
- Lists use `` / `` — not styled `<div>`
- Form inputs have `autocomplete` attributes for name, email, phone, address

1.4 Distinguishable

Criterion	Status	Notes	Issue Ref
1.4.1 Use of Color (A)	{{Pass/Fail}}	Color not sole differentiator	
1.4.2 Audio Control (A)	{{Pass/Fail}}	Auto-play audio has stop mechanism	

Criterion	Status	Notes	Issue Ref
1.4.3 Contrast Minimum (AA)	{{Pass/Fail}}	See contrast table below	
1.4.4 Resize Text (AA)	{{Pass/Fail}}	200% zoom — no content loss	
1.4.5 Images of Text (AA)	{{Pass/Fail}}	Real text used, not images	
1.4.10 Reflow (AA)	{{Pass/Fail}}	320px width — no horizontal scroll	
1.4.11 Non-text Contrast (AA)	{{Pass/Fail}}	UI components 3:1 ratio	
1.4.12 Text Spacing (AA)	{{Pass/Fail}}	Custom spacing doesn't break layout	
1.4.13 Content on Hover/Focus (AA)	{{Pass/Fail}}	Tooltips can be hovered/dismissed	

4. Operable

2.1 Keyboard Accessible

Criterion	Status	Notes	Issue Ref
2.1.1 Keyboard (A)	{{Pass/Fail}}	All functionality keyboard-operable	
2.1.2 No Keyboard Trap (A)	{{Pass/Fail}}	Focus can always be moved away	
2.1.4 Character Key Shortcuts (A)	{{Pass/Fail}}	Single-key shortcuts can be disabled	

Checklist:

- All interactive elements reachable by Tab key
- All actions triggerable by Enter/Space
- No keyboard traps (except intentional: modal focus trap with Escape exit)
- Custom widgets follow ARIA Authoring Practices patterns

2.2 Enough Time

Criterion	Status	Notes
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2.2.1 Timing Adjustable (A)	{{Pass/Fail}}	Session timeout warns with option to extend
2.2.2 Pause, Stop, Hide (A)	{{Pass/Fail}}	Auto-updating content has pause control

2.3 Seizures and Physical Reactions

Criterion	Status	Notes
2.3.1 Three Flashes (A)	{{Pass/Fail}}	No content flashes >3 times/sec

2.4 Navigable

Criterion	Status	Notes
2.4.1 Bypass Blocks (A)	{{Pass/Fail}}	Skip-to-content link implemented
2.4.2 Page Titled (A)	{{Pass/Fail}}	Unique descriptive page titles
2.4.3 Focus Order (A)	{{Pass/Fail}}	Focus order matches reading order
2.4.4 Link Purpose (A)	{{Pass/Fail}}	Link text descriptive in context
2.4.6 Headings and Labels (AA)	{{Pass/Fail}}	Descriptive heading and label text
2.4.7 Focus Visible (AA)	{{Pass/Fail}}	Focus indicator visible on all elements

5. Understandable

3.1 Readable

Criterion	Status	Notes
3.1.1 Language of Page (A)	{{Pass/Fail}}	<code><html lang="en"></code> set
3.1.2 Language of Parts (AA)	{{Pass/Fail}}	<code>lang</code> on foreign language sections

3.2 Predictable

Criterion	Status	Notes
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3.2.1 On Focus (A)	{{Pass/Fail}}	Focus does not trigger unexpected change
3.2.2 On Input (A)	{{Pass/Fail}}	Input change doesn't auto-submit form
3.2.3 Consistent Navigation (AA)	{{Pass/Fail}}	Nav consistent across pages
3.2.4 Consistent Identification (AA)	{{Pass/Fail}}	Same function = same label

3.3 Input Assistance

Criterion	Status	Notes
3.3.1 Error Identification (A)	{{Pass/Fail}}	Errors identified in text, not just color
3.3.2 Labels or Instructions (A)	{{Pass/Fail}}	All fields have labels
3.3.3 Error Suggestion (AA)	{{Pass/Fail}}	Error messages suggest correction
3.3.4 Error Prevention (AA)	{{Pass/Fail}}	Destructive actions require confirmation

6. Robust

Criterion	Status	Notes
4.1.1 Parsing (A)	{{Pass/Fail}}	Valid HTML, no duplicate IDs
4.1.2 Name, Role, Value (A)	{{Pass/Fail}}	All UI components have accessible name + role
4.1.3 Status Messages (AA)	{{Pass/Fail}}	Status messages announced via ARIA live regions

7. Screen Reader Testing Matrix

Screen Reader	OS	Browser	Priority	Status	Tester	Date
VoiceOver	macOS 14	Safari	HIGH	{{Pass/Fail/Un tested}}		
VoiceOver	iOS 17	Safari	HIGH	{{Pass/Fail/Un tested}}		
NVDA	Windows 11	Chrome	HIGH	{{Pass/Fail/Un tested}}		

Screen Reader	OS	Browser	Priority	Status	Tester	Date
NVDA	Windows 11	Firefox	MEDIUM	{{Pass/Fail/Un tested}}		
JAWS	Windows 11	Chrome	HIGH	{{Pass/Fail/Un tested}}		
TalkBack	Android 14	Chrome	MEDIUM	{{Pass/Fail/Un tested}}		

Tested user flows:

- User registration / login
- Main navigation
- Form submission with validation errors
- Data table — sorting, pagination, row actions
- Modal open/close/action
- Toast / notification announced

8. Keyboard Navigation Map

Context	Key	Action
Global	Tab	Next focusable element
Global	Shift+Tab	Previous focusable element
Global	Escape	Close modal, dropdown, toast
Global	Alt+S	Skip to main content (custom shortcut)
Dropdown	Arrow Down/Up	Navigate options
Dropdown	Enter/Space	Select option
Table	Arrow keys	Navigate cells (if grid role)
Modal	Tab	Cycle within modal (focus trapped)
Date picker	Arrow keys	Navigate days
Tabs	Arrow keys	Switch tab

9. Color Contrast Verification Table

Element	Text Color	Background	Ratio	AA Pass	AAA Pass
Body text	#0F172A	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}
Secondary text	#334155	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}
Disabled text	#94A3B8	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}
Primary button text	#FFFFFF	#0EA5E9	{{X:1}}	{{Y/N}}	{{Y/N}}
Link color	#0284C7	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}
Error text	#EF4444	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}
Placeholder	#94A3B8	#FFFFFF	{{X:1}}	{{Y/N}}	{{Y/N}}

TODO: Measure all values using `{{Colour Contrast Analyser | axe DevTools}}`.

10. ARIA Usage Audit

Pattern	ARIA Used	Correct?	Notes
Modal dialog	<code>role="dialog"</code> , <code>aria-modal="true"</code> , <code>aria-labelledby</code>	{{Yes/No}}	
Navigation	<code>role="navigation"</code> , <code>aria-label</code>	{{Yes/No}}	
Alert/toast	<code>role="alert"</code> or <code>aria-live="polite"</code>	{{Yes/No}}	
Tab panel	<code>role="tablist"</code> , <code>role="tab"</code> , <code>role="tabpanel"</code>	{{Yes/No}}	
Accordion	<code>aria-expanded</code> , <code>aria-controls</code>	{{Yes/No}}	
Custom select	<code>role="listbox"</code> , <code>role="option"</code> , <code>aria-selected</code>	{{Yes/No}}	
Loading states	<code>aria-busy="true"</code> , <code>live region</code>	{{Yes/No}}	

11. Remediation Priority & Timeline

Issue	WCAG Criterion	Severity	Priority	Assigned To	Target Date	Status
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{{Issue description}}	{{1.4.3}}	{{Critical/High/Medium/Low}}	P1		{{NAME}}	{{DATE}}	{{Open/In Progress/Fixed}}
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Severity definitions:

- **Critical:** Blocks users with disabilities from core functionality
- **High:** Significant barrier, workaround exists
- **Medium:** Inconvenience, does not block task completion
- **Low:** Minor enhancement opportunity

12. Testing Tools

Tool	Type	Usage	Version
axe-core	Automated	CI integration + Storybook	{{4.x}}
@axe-core/playwright	Automated	E2E accessibility checks	{{4.x}}
Lighthouse	Automated	CI performance + a11y score	Built-in Chrome
pally	Automated	Staged URL scanning	{{6.x}}
Colour Contrast Analyser	Manual	Color contrast spot checks	TPGi
Screen readers	Manual	See matrix above	—
Accessibility Insights	Manual	Guided manual testing	Microsoft

Approval

Role	Name	Date	Signature
Author			
Accessibility Lead			
QA Lead			
Product Owner			

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