

UX Quality Audit

Accessibility, loading states, and component design analysis

5.8/10

23 Findings

4 Loading state issues

12 Accessibility violations

7 Component design issues

WCAG COMPLIANCE

Level A	78%
Level AA	62%

REGULATORY STATUS

AODA (Ontario)	X Non-compliant
ADA (United States)	X Non-compliant
EAA (European Union)	X Non-compliant

Accessibility

12 findings

img-no-alt	CRITICAL	Images missing alt attributes — src/components/ProductCard.tsx:42, HeroImage.tsx:18, Avatar.tsx:9
button-no-accessible-name	CRITICAL	Buttons without accessible text or aria-label — IconButton.tsx:15, CloseBtn.tsx:8, MenuToggle.tsx:22
input-no-label	CRITICAL	Form inputs not associated with a label element — SearchBar.tsx:31, LoginForm.tsx:44
div-click-handler	HIGH	Non-interactive element with click handler, no keyboard support — CardList.tsx:67, Sidebar.tsx:33, TabItem.tsx:12, Dropdown.tsx:28
empty-link	HIGH	Anchor element with no text content or aria-label — NavIcon.tsx:19
autoplay-media	HIGH	Media element autoplays without user consent — PromoVideo.tsx:8
no-lang-attribute	HIGH	HTML root missing lang attribute — index.html:1
tabindex-positive	MEDIUM	Positive tabindex disrupts natural tab order — Modal.tsx:14
heading-order-skip	MEDIUM	Heading levels skip from h2 to h5 — Dashboard.tsx:38
role-misuse	MEDIUM	Incorrect ARIA role for element type — Alert.tsx:22
form-no-fieldset	MEDIUM	Related form inputs not grouped with fieldset/legend — PaymentForm.tsx:55
icon-button-no-label	MEDIUM	Icon-only button missing accessible name — SettingsIcon.tsx:10

Loading / Error States

4 findings

async-no-loading	HIGH	Async data fetch with no loading indicator — TransactionList.tsx:22, PaymentHistory.tsx:15
async-no-error-ui	HIGH	Async operation with no error state UI — UserProfile.tsx:34
empty-state-missing	MEDIUM	List/table renders nothing when data is empty — InvoiceTable.tsx:19
form-no-submit-disable	MEDIUM	Submit button not disabled during form submission — CheckoutForm.tsx:48

Component Design

7 findings

too-many-props	MEDIUM	Component accepts 18 props (threshold: 10) — PaymentForm.tsx (18 props)
too-many-props	MEDIUM	Component accepts 14 props (threshold: 10) — Dashboard.tsx (14 props)
too-many-effects	MEDIUM	Component has 5 useEffect hooks (threshold: 3) — TransactionList.tsx
inline-styles-excessive	MEDIUM	12 inline style objects in a single component — CardList.tsx
inline-styles-excessive	MEDIUM	9 inline style objects in a single component — Sidebar.tsx
no-error-boundary	MEDIUM	Route-level component lacks error boundary — PaymentsPage.tsx
no-error-boundary	MEDIUM	Route-level component lacks error boundary — SettingsPage.tsx

REGULATORY COMPLIANCE MATRIX

REGULATION	WCAG 2.1 LEVEL A	WCAG 2.1 LEVEL AA
AODA (Ontario, Canada)	X	X
ACA (Federal, Canada)	X	X
ADA (United States)	X	X
EAA (European Union)	✓	X
Section 508 (US Federal)	X	X

TOP 5 RECOMMENDATIONS – PRIORITIZED BY LEGAL RISK

- 01

Add alt attributes to all images. 12 instances across ProductCard, HeroImage, Avatar. Missing alt text blocks compliance with every regulation (WCAG 1.1.1 Non-text Content).

WCAG 1.1.1

12 instances

CRITICAL
- 02

Replace div click handlers with semantic buttons. 4 interactive divs lack keyboard support and ARIA roles. Screen reader and keyboard users cannot activate these controls (WCAG 2.1.1 Keyboard).

WCAG 2.1.1

4 instances

HIGH
- 03

Add accessible names to all buttons. 3 icon-only buttons missing aria-label or visible text. Assistive technology cannot convey button purpose (WCAG 4.1.2 Name, Role, Value).

WCAG 4.1.2

3 instances

CRITICAL
- 04

Associate form inputs with labels. 2 inputs in SearchBar and LoginForm have no programmatic label. Users relying on assistive technology cannot identify input purpose (WCAG 1.3.1 Info and Relationships).

WCAG 1.3.1

2 instances

CRITICAL
- 05

Add loading states to async components. 4 components fetch data without showing a loading indicator. Users perceive the application as frozen or broken during network requests.

UX best practice

4 instances

HIGH

This report covers UX quality only. For code quality analysis, see the Code Quality Audit. Regulatory compliance assessments are advisory and do not constitute legal advice. Consult qualified counsel for compliance certification.