a. **Error messages difficult to locate**

• **Issue:** Error messages for "No" and "SUBSCRIBE!" buttons are dynamically placed below the form, leaving screen reader users unaware.

• **WCAG 2.1 AA Violations:** 3.3.1 - A - ERROR IDENTIFICATION

• **Impact:** Screen reader users miss error messages, hindering error correction and form submission.

b. **The group labels are not associated with the controls**

• **Issue:** The "Are you over 21 years of age?" label is not linked to "Yes" and "No" buttons.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - GROUPING

• **Impact:** Screen readers don't announce instructions, confusing users about button functions.

c. **Modal dialog inaccessible for screen reader users**

• **Issue:** Modal dialog focus shifts to background content, making it hard to distinguish dialog content.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - DIALOG

• **Impact:** Users struggle to interact with modal content, causing frustration and navigation issues.

d. **Menu items inaccessible for screen reader users**

• **Issue:** Incorrect roles for menu items prevent keyboard expansion.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - MENUBAR NAVIGATION

• **Impact:** Screen reader users can't navigate menus, limiting access to site content.

e. **Current state defined inappropriately for the logo image**

• **Issue:** ARIA-current misused on logo image, leading to incorrect information for screen readers.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - #ARIA CURRENT

• **Impact:** Users receive misleading information, complicating navigation.

f. **Landmark is not announced by the screen reader**

• **Issue:** <header> landmarks are absent, making header identification difficult.

• **WCAG 2.1 AA Violations:** 2.4.1 - A - BYPASS BLOCKS

• **Impact:** Users face challenges navigating page sections, reducing user experience.

g. **Landmark role defined unnecessarily**

• **Issue:** Empty <header> in <main> region creates confusion.

• **WCAG 2.1 AA Violations:** 2.4.1 - A - BYPASS BLOCKS

• **Impact:** Misleading landmark roles hinder effective navigation for screen reader users.

h. **Heading mark-up used unnecessarily**

• **Issue:** Non-heading text marked as headings confuses content structure.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - HEADINGS

• **Impact:** Users struggle to understand page structure, affecting navigation.

i. **Unnecessary alt text for decorative image**

• **Issue:** Decorative images have unnecessary descriptive alt text.

• **WCAG 2.1 AA Violations:** 1.1.1 - A - ALT

• **Impact:** Redundant alt text clutters screen reader output, causing confusion.

j. **Carousel not accessible for screen readers**

• **Issue:** Carousel functionality is not recognized by screen readers.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - WORKING EXAMPLE

• **Impact:** Users with visual impairments struggle to interact with carousel content.

k. **Missing instruction for mandatory fields**

• **Issue:** Asterisk for mandatory fields lacks explanation.

• **WCAG 2.1 AA Violations:** 3.3.2 - A - LABELS OR-INSTRUCTIONS

• **Impact:** Users may fill forms incorrectly, leading to frustration and errors.

l. **Purpose of input field not identified programmatically**

• **Issue:** Input fields like "First name" lack programmatic identification.

• **WCAG 2.1 AA Violations:** 1.3.5 - A - IDENTIFY INPUT-PURPOSE

• **Impact:** Users with disabilities take longer to fill forms, increasing difficulty.

m. **Error message does not identify the problem**

• **Issue:** Error messages like "Invalid Email." are vague.

• **WCAG 2.1 AA Violations:** 3.3.3 - A - ERROR SUGGESTION

• **Impact:** Users fail to understand errors, hindering form completion.

n. **Heading structure within the page is not correct**

• **Issue:** Incorrect heading levels confuse content structure.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - HEADINGS

• **Impact:** Users struggle with page navigation and content understanding.

o. **Redundant alternative text for image links**

• **Issue:** Redundant alt text for image and textual links causes repetition.

• **WCAG 2.1 AA Violations:** 1.1.1 - A - H2

• **Impact:** Users experience unnecessary repetition, complicating navigation.

p. **Missing visual label for form fields**

• **Issue:** "Sort By" dropdown lacks a visual label.

• **WCAG 2.1 AA Violations:** 3.3.2 - A - LABELS OR-INSTRUCTIONS

• **Impact:** Users find it difficult to identify the dropdown's purpose.

q. **Missing label for range slider**

• **Issue:** Range slider lacks an associated label.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - #ASSOCIATING LABELS-EXPLICITLY

• **Impact:** Users don't understand slider purpose, complicating interaction.

r. **Slider inaccessible for keyboard users**

• **Issue:** Slider under "Filter by price" is not keyboard accessible.

• **WCAG 2.1 AA Violations:** 2.1.1 - A - SLIDER MULTITHUMB

• **Impact:** Users can't adjust slider values, limiting functionality.

s. **Breadcrumb links not accessible by screen reader**

• **Issue:** Breadcrumbs like "HOME", "PRODUCT" aren't conveyed to assistive tech.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - BREADCRUMB

• **Impact:** Users face challenges navigating sequential content pages.

t. **Modal dialog inaccessible for screen reader users**

• **Issue:** Modal dialog lacks role and accessible name, complicating navigation.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - DIALOG

• **Impact:** Users are forced to tab through original content, causing frustration.

u. **Headings not announced for visually impaired users (Modal)**

• **Issue:** "Shopping Car(2)" lacks HTML heading markup.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - HEADINGS

• **Impact:** Users can't discern section purpose, affecting navigation.

v. **Missing heading mark-up - H1**

• **Issue:** Page lacks H1 markup, confusing content structure.

• **WCAG 2.1 AA Violations:** 1.3.1 - A - HEADINGS

• **Impact:** Users find it hard to navigate and understand page structure.

w. **Modal dialog inaccessible for screen reader users**

• **Issue:** Modal dialog focus shifts to background, complicating interaction.

• **WCAG 2.1 AA Violations:** 4.1.2 - A - DIALOG

• **Impact:** Users struggle to access modal content, causing frustration.

x. **Accessible name does not match with visual label**

• **Issue:** Accessible name differs from visual label on "Manage" button.

• **WCAG 2.1 AA Violations:** 2.5.3 - A - LABEL IN-NAME

• **Impact:** Users find it confusing, leading to interaction difficulties.