

# Issue Report

Site quality report for https://genai.kmi.open.ac.uk/ produced on June 7, 2024.

Accessibility



30 pages with accessibility problems

## Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

### Level A

6 issues on 30 pages

- An image with a null `alt` attribute should not have `title`, `aria-label` or `aria-labelledby` attributes.

If the image should be voiced use a descriptive `alt` attribute. If the image is purely decorative remove any `title` and ARIA label attributes.

- JAWS : Ignores all images with `alt=""`.
- NVDA : Reads some images with `alt=""` and a title or ARIA label.
- VoiceOver : Reads images with `alt=""` and a title or ARIA label.

[WCAG 2.1 A F39 Section 508 \(2017\) A F39](#)

<https://genai.kmi.open.ac.uk/> line 613 649

<https://genai.kmi.open.ac.uk/events/> line 310 322 358 418 ...

- Elements with `role=tablist` must contain or own an element with `role=tab` and must not contain elements with other roles.

[HTML5 ARIA 1.2 WCAG 2.1 A 1.3.1 Section 508 \(2017\) A 1.3.1](#)

Owned roles: `list` <https://genai.kmi.open.ac.uk/> line 864

Owned roles: `list` <https://genai.kmi.open.ac.uk/ai-in-education-annual-conference-ai-overcoming-challenges-in-education/> line 433

Owned roles: `list` <https://genai.kmi.open.ac.uk/contact/> line 395

Owned roles: `list` <https://genai.kmi.open.ac.uk/demystifying-artificial-intelligence-conference-mk/> line 389

Owned roles: `list` <https://genai.kmi.open.ac.uk/events/> line 650

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-experiments-at-the-open-university/> line 389

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 393

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries-2/> line 409

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh/> line 389

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh-2/> line 409

Owned roles: `list` <https://genai.kmi.open.ac.uk/generative-ai-in-teaching-and-learning/> line 393

Owned roles: `list` <https://genai.kmi.open.ac.uk/how-generative-ai-will-transform-adult-and-higher-education-experiments-at-the-open-university/> line 431

Owned roles: `list` <https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 431

Owned roles: `list` <https://genai.kmi.open.ac.uk/news/> line 429

Owned roles: `list` <https://genai.kmi.open.ac.uk/privacy-policy/> line 455

Owned roles: `list` <https://genai.kmi.open.ac.uk/projects/> line 401

Owned roles: `list` <https://genai.kmi.open.ac.uk/publications/> line 390

Owned roles: `list` <https://genai.kmi.open.ac.uk/related-resources/> line 393

Owned roles: `list` <https://genai.kmi.open.ac.uk/the-paradigm-shift-is-here-using-ai-to-improve-teaching-and-learning/> line 393

Owned roles: `list` <https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 393

- `iframe` and `frame` elements must have a `title` attribute.

Add a `title` attribute or ARIA label to each `iframe` and `frame` element (e.g. `title='Main Content'`). Without a title some screen readers read out the frame filename, which is usually meaningless.

- VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Meaningless frame title read out.
- VoiceOver macOS 12.5 Safari 15.6 macOS 12.5.1 Reading: Meaningless frame title read out.
- VoiceOver macOS 11.5 Safari 15.0 macOS 11.5.2 Reading: Meaningless frame title read out.

[WCAG 2.1 A 4.1.2 Section 508 \(2017\) A 4.1.2](#)

<https://genai.kmi.open.ac.uk/ask-the-experts-generative-ai-at-the-ou/> line 326

- Links must have an accessible name.

- Add text between the a element start and end tags
- Add an `aria-label` attribute
- Add an `aria-labelledby` attribute
- Add an `img alt` attribute labeling the link if it contains an `img` element

[WCAG 2.1 A F89 Section 508 \(2017\) A F89](#)

- <https://genai.kmi.open.ac.uk/> line 543
- <https://genai.kmi.open.ac.uk/ai-in-education-annual-conference-ai-overcoming-challenges-in-education/> line 277
- <https://genai.kmi.open.ac.uk/contact/> line 277
- <https://genai.kmi.open.ac.uk/demystifying-artificial-intelligence-conference-mk/> line 277
- <https://genai.kmi.open.ac.uk/events/> line 273
- <https://genai.kmi.open.ac.uk/generative-ai-experiments-at-the-open-university/> line 277
- <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 277
- <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries-2/> line 277
- <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh/> line 277
- <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh-2/> line 277
- <https://genai.kmi.open.ac.uk/generative-ai-in-teaching-and-learning/> line 277
- <https://genai.kmi.open.ac.uk/how-generative-ai-will-transform-adult-and-higher-education-experiments-at-the-open-university/> line 277
- <https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 277
- <https://genai.kmi.open.ac.uk/news/> line 277
- <https://genai.kmi.open.ac.uk/privacy-policy/> line 279
- <https://genai.kmi.open.ac.uk/projects/> line 276
- <https://genai.kmi.open.ac.uk/publications/> line 276
- <https://genai.kmi.open.ac.uk/related-resources/> line 277
- <https://genai.kmi.open.ac.uk/the-paradigm-shift-is-here-using-ai-to-improve-teaching-and-learning/> line 277
- <https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 277

- Several links on a page share the same link text and surrounding context, but go to different destinations.

Make the link text unique for each target page (which helps all users) or add an `aria-label` or `aria-describedby` to the link (which helps screen reader users).

#### [WCAG 2.1 A F63 Section 508 \(2017\) A F63](#)

Link text: `open-uni-logo` `open-uni-logo` <https://genai.kmi.open.ac.uk/> line 678

Link text: `Generative AI: Hopes and Fears – Edinburgh` `Generative AI: Hopes and Fears – Edinburgh` <https://genai.kmi.open.ac.uk/events/> line 338

Link text: open-uni-logo open-uni-logo <https://genai.kmi.open.ac.uk/projects/>  
line 311

- This skip link is broken. The target anchor does not exist or is commented out.

The anchor after the # symbol points to a non-existent ID on this page, so nothing happens when it's clicked. In most cases the destination ID has been removed accidentally and should be reinstated.

[WCAG 2.1 A 2.4.1 Section 508 \(2017\) A 2.4.1](#)

<https://genai.kmi.open.ac.uk/> line 169

<https://genai.kmi.open.ac.uk/ai-in-education-annual-conference-ai-overcoming-challenges-in-education/> line 169

<https://genai.kmi.open.ac.uk/contact/> line 169

<https://genai.kmi.open.ac.uk/demystifying-artificial-intelligence-conference-mk/> line 169

<https://genai.kmi.open.ac.uk/events/> line 165

<https://genai.kmi.open.ac.uk/generative-ai-experiments-at-the-open-university/> line 169

<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 169

<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries-2/> line 169

<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh/> line 169

<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh-2/> line 169

<https://genai.kmi.open.ac.uk/generative-ai-in-teaching-and-learning/> line 169

<https://genai.kmi.open.ac.uk/how-generative-ai-will-transform-adult-and-higher-education-experiments-at-the-open-university/> line 169

<https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 169

<https://genai.kmi.open.ac.uk/news/> line 169

<https://genai.kmi.open.ac.uk/privacy-policy/> line 171

<https://genai.kmi.open.ac.uk/projects/> line 168

<https://genai.kmi.open.ac.uk/publications/> line 168

<https://genai.kmi.open.ac.uk/related-resources/> line 169

<https://genai.kmi.open.ac.uk/the-paradigm-shift-is-here-using-ai-to-improve-teaching-and-learning/> line 169

<https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 169

## Level AA

3 issues on 30 pages

- Cannot use `aria-label` or `aria-labelledby` on elements and roles that prohibit naming.

The `div` and `span` elements have an implicit role of `generic` and cannot be named unless they have a `role` attribute. The following roles cannot be named: `caption` `code` `deletion` `emphasis` `generic` `insertion` `paragraph` `presentation` `strong` `subscript` `superscript`

### [HTML5 ARIA 1.2](#)

Element role: `generic` <https://genai.kmi.open.ac.uk/> line 574

Element role: `generic` <https://genai.kmi.open.ac.uk/ai-in-education-annual-conference-ai-overcoming-challenges-in-education/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/contact/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/demystifying-artificial-intelligence-conference-mk/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/events/> line 290

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-experiments-at-the-open-university/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries-2/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh-2/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/generative-ai-in-teaching-and-learning/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/how-generative-ai-will-transform-adult-and-higher-education-experiments-at-the-open-university/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/news/> line 294

Element role: `generic` <https://genai.kmi.open.ac.uk/privacy-policy/> line 296

Element role: `generic` <https://genai.kmi.open.ac.uk/projects/> line 293

Element role: `generic` <https://genai.kmi.open.ac.uk/publications/> line 293

Element role: `generic` <https://genai.kmi.open.ac.uk/related-resources/> line 294

Element role: generic <https://genai.kmi.open.ac.uk/the-paradigm-shift-is-here-using-ai-to-improve-teaching-and-learning/> line 294

Element role: generic <https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 294

🔴 Ensure that text and background colors have enough contrast.

- The contrast ratio should be 3.0 or more for 18 point text, or larger
- The contrast ratio should be 3.0 or more for 14 point bold text, or larger
- The contrast ratio should be 4.5 or more for all other text

[WCAG 2.1 AA 1.4.3 Section 508 \(2017\) AA 1.4.3](#)

The text color to background color contrast ratio after composition is: with color: rgb(119,119,119) background: rgb(15,14,36) font-size: 13.50pt font-weight: 300 <https://genai.kmi.open.ac.uk/chatgpt-and-friends-workshop-how-generative-ai-is-going-to-change-everything/> line 367

🔴 The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See :focus-visible for more information.

- Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
- Firefox (obscures the focus indicator on links)

[WCAG 2.1 AA F78 Section 508 \(2017\) AA F78](#)

outline-style:none or outline-width:0 outline-style:none or outline-width:0 outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/> line 510 712 774

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/ai-in-education-annual-conference-ai-overcoming-challenges-in-education/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/contact/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/demystifying-artificial-intelligence-conference-mk/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/events/> line 228

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-experiments-at-the-open-university/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries-2/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-edinburgh-2/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/generative-ai-in-teaching-and-learning/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/how-generative-ai-will-transform-adult-and-higher-education-experiments-at-the-open-university/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/news/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/privacy-policy/> line 234

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/projects/> line 231

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/publications/> line 231

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/related-resources/> line 232

outline-style:none or outline-width:0 <https://genai.kmi.open.ac.uk/the-paradigm-shift-is-here-using-ai-to-improve-teaching-and-learning/> line 232

outline-style:none or outline-width:0  
<https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 232

## Level AAA

4 issues on 9 pages



- Avoid specifying a new window as the target of a link with `target=_blank`.

Displaying new windows without warning can be very confusing to non-sighted and mobile users. Some screen readers and mobile devices give very little indication a new tab or window has opened. If you cannot avoid displaying a new window, insert an "opens in a new window" warning into the link text or add the warning to the link using a `title` attribute or `aria-describedby` attribute.

[WCAG 2.1 AAA F22](#)

<https://genai.kmi.open.ac.uk/navigating-the-future-ais-impact-on-education/> line 327

<https://genai.kmi.open.ac.uk/publications/> line 313 ...

<https://genai.kmi.open.ac.uk/transforming-university-education-with-generative-ai-experiments-at-the-open-university/> line 325

- Ensure that text and background colors have a 7:1 contrast ratio.

- The contrast ratio should be 4.5 or more for 18 point text, or larger
- The contrast ratio should be 4.5 or more for 14 point bold text, or larger
- The contrast ratio should be 7.0 or more for all other text

[WCAG 2.1 AAA 1.4.6](#)

The text color to background color contrast ratio after composition is: with `color: rgb(255,64,86) background: rgb(15,14,36) font-size: 12pt font-weight: 400` with `color: rgb(255,64,86) background: rgb(15,14,36) font-size: 12pt font-weight: 400` with `color: rgb(255,64,86) background: rgb(15,14,36) font-size: 12pt font-weight: 400`

<https://genai.kmi.open.ac.uk/> line 665 712 774

- Link uses general text like 'Click Here' which doesn't explain link purpose.

Screen reader users often tab from one link to the next, or use the 'Next Link' command. Moving between links labelled 'click here' sounds like 'Click here, tab, click here, tab, click here'. Change the link text, or add an `aria-label`, so the link makes sense when read without the surrounding text.

[WCAG 2.1 AAA F84](#)

Link text: `Read more` `Read more` `Read more` <https://genai.kmi.open.ac.uk/> line 734 768

Link text: `here` <https://genai.kmi.open.ac.uk/generative-ai-hopes-and-fears-dumfries/> line 321

Link text: `Read more` `Read more` `Read more` `Read more` `Read more` <https://genai.kmi.open.ac.uk/news/> line 311 321 341 351 ...

- Several links on a page share the same link text, but go to different destinations.

Make the link text unique for each target, or add additional text using aria-label.

[WCAG 2.1 AAA 2.4.9](#)

Link text: open-uni-logo open-uni-logo <https://genai.kmi.open.ac.uk/> line 678

Link text: Generative AI: Hopes and Fears – Edinburgh Generative AI: Hopes and Fears – Edinburgh <https://genai.kmi.open.ac.uk/events/> line 338

Link text: Read more Read more Read more Read more Read more <https://genai.kmi.open.ac.uk/news/> line 311 321 331 336 ...

Link text: SolidWP Privacy Policy SolidWP Privacy Policy <https://genai.kmi.open.ac.uk/privacy-policy/> line 375

Link text: open-uni-logo open-uni-logo <https://genai.kmi.open.ac.uk/projects/> line 311

## Informative

These messages are for information only and do not indicate errors or conformance problems.

- WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

[WCAG 2.1 4.1.1](#)

<https://genai.kmi.open.ac.uk/> line 1