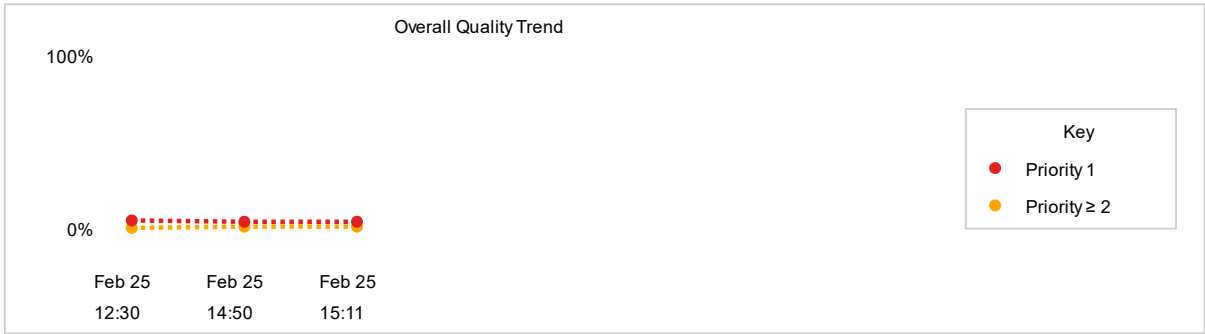


Issue Report

Site quality report for http://blockchain18.kmi.open.ac.uk/ produced on February 25, 2025.

Overall Quality	<div><div></div></div>	12 pages with quality issues
Errors	<div><div></div></div>	1 pages with broken links or other errors
Accessibility	<div><div></div></div>	8 pages with accessibility problems
Compatibility	<div><div></div></div>	0 pages with browser specific issues
Search	<div><div></div></div>	6 pages with search engine issues
Standards	<div><div></div></div>	10 pages have W3C standards issues
Usability	<div><div></div></div>	10 pages with usability issues
Totals		280 URLs checked



Errors

This section shows site quality issues, including broken links and server mis-configurations.

Priority 1

1 issues on 1 pages

- This link is broken. The target web server is unreachable or no longer running at this URL.

This can be a temporary problem, but also happens if the destination site is no longer operating or behind a firewall. Most staging and development servers are protected by firewalls. If the site is still operating raise the issue with your IT Department or ISP.

Broken Link

Broken link: <https://open.ac.uk/> <http://blockchain18.kmi.open.ac.uk/> line 21

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 AA

3 issues on 8 pages

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 2.2 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(75,159,192) background: rgb(226,233,241) font-size: 15pt font-weight: 400` with `color: rgb(75,159,192) background: rgb(226,233,241) font-size: 15pt font-weight: 400`
<http://blockchain18.kmi.open.ac.uk/> line 33 48

The text color to background color contrast ratio after composition is: with `color: rgb(75,159,192) background: rgb(226,233,241) font-size: 15pt font-weight: 400` with `color: rgb(75,159,192) background: rgb(226,233,241) font-size: 15pt font-weight: 400`
<https://blockchain18.kmi.open.ac.uk/> line 17 28

If you set any of the colors on the `body` or `a` elements you must set all of them.

In HTML the color attributes are `text`, `bgcolor`, `link`, `alink` and `vlink`. In CSS the attributes are `color` and `background-color`. Some users have browser defaults set to white text on a black background, so setting one color without setting the others can result in black text on a black background.

[WCAG 2.2 AA F24 Section 508 \(2017\) AA F24](#)

The colors used are: `color: rgb(156,84,13)` from styles.css and `background: rgb(255,255,255)` from browser settings `color: rgb(156,84,13)` from styles.css and `background: rgb(255,255,255)` from browser settings `color: rgb(156,84,13)` from styles.css and `background: rgb(255,255,255)` from browser settings `color: rgb(156,84,13)` from styles.css and `background: rgb(255,255,255)` from browser settings `color: rgb(156,84,13)` from styles.css and `background: rgb(255,255,255)` from browser settings
<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 43 59 66 84 94 ...

The colors used are: color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings <http://blockchain18.kmi.open.ac.uk/opdemo> line 50 54 59 68 78 ...

The colors used are: color: rgb(156,84,13) from styles.css and background: rgb(255,255,255) from browser settings color: rgb(0,66,130) from privacy.html and background: rgb(255,255,255) from browser settings color: rgb(0,66,130) from privacy.html and background: rgb(255,255,255) from browser settings color: rgb(0,66,130) from privacy.html and background: rgb(255,255,255) from browser settings color: rgb(0,66,130) from privacy.html and background: rgb(255,255,255) from browser settings <http://blockchain18.kmi.open.ac.uk/privacy.html> line 21 24 26 35

The colors used are: color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings color: rgb(0,0,0) from browser settings and background: rgb(222,230,242) from browser settings <https://blockchain18.kmi.open.ac.uk/opdemo> line 50 54 59 68 78 ...

- Provide two or more ways to reach each page: via links, search, a site map or table of contents.

You should provide a link labeled 'Site Map' or 'Sitemap' or the equivalent in your language, or a search option on every page, or links to all pages from the home page.

[WCAG 2.2 AA 2.4.5 Section 508 \(2017\) AA 2.4.5](#)

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 1

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<http://blockchain18.kmi.open.ac.uk/opdemo> line 1

<http://blockchain18.kmi.open.ac.uk/privacy.html> line 1

<https://blockchain18.kmi.open.ac.uk/> line 1

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<https://blockchain18.kmi.open.ac.uk/opdemo> line 1

Level AAA

3 issues on 6 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 2.2 AAA F22](#)

<http://blockchain18.kmi.open.ac.uk/> line 37 52 78

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 83 89 95 173 ...

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 83 89 95 173 ...

- ❏ Each section of content should begin with a heading element (`h1` , `h2` , `h3`), but this page has no headings.

In HTML place headings before each section of content, making sure the main heading is `h1` , sub-headings are `h2` and so on. For PDFs produced from Word, use the Heading 1, Heading 2 and Heading 3 styles.

[WCAG 2.2 AAA 2.4.10](#)

<http://blockchain18.kmi.open.ac.uk/> line 1

<https://blockchain18.kmi.open.ac.uk/> line 1

- ❏ 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 2.2 AAA 1.4.6](#)

The text color to background color contrast ratio after composition is: with `color: rgb(156,84,13)` background: `rgb(255,255,255)` font-size: 12pt font-weight: 400 with `color: rgb(156,84,13)` background: `rgb(255,255,255)` font-size: 12pt font-weight: 400 with `color: rgb(156,84,13)` background: `rgb(255,255,255)` font-size: 12pt font-weight: 400 with `color: rgb(156,84,13)` background: `rgb(255,255,255)` font-size: 12pt font-weight: 400 with `color: rgb(156,84,13)` background: `rgb(255,255,255)` font-size: 12pt font-weight: 400

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 43 59 66 84 94 ...

The text color to background color contrast ratio after composition is: with color: rgb(156,84,13) background: rgb(255,255,255) font-size: 12pt font-weight: 400 <http://blockchain18.kmi.open.ac.uk/privacy.html> line 33

Compatibility

This section shows pages that exhibit browser-specific behavior, or trigger browser bugs.

Search

This section shows search engine guideline violations, and pages that don't comply with search optimization best practices.

Priority 1

1 issues on 2 pages

- This page has no `h1` element, which violates Bing webmaster guidelines.
Add an `h1` element just before the main content describing the page.

[Bing](#)

<http://blockchain18.kmi.open.ac.uk/> line 14

<https://blockchain18.kmi.open.ac.uk/> line 13

Priority 3

1 issues on 6 pages

- No meta description tag found. Use a description tag that accurately describes the contents of a web page.
A well-written meta description attracts more clicks in search results than an irrelevant or missing description.

[Yahoo](#) [Google](#) [Bing](#)

<http://blockchain18.kmi.open.ac.uk/> line 1

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 1

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<http://blockchain18.kmi.open.ac.uk/opdemo> line 1

<http://blockchain18.kmi.open.ac.uk/privacy.html> line 1

<https://blockchain18.kmi.open.ac.uk/> line 1

Informative

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

- No search keywords are set in SortSite, so no keyword optimization rules have been run.
If you want to check keyword optimization, set the keywords using the Scan Options command.

Best Practice

<http://blockchain18.kmi.open.ac.uk/> line 1

Standards

This section shows pages that do not comply with W3C standards.

Priority 1

8 issues on 10 pages

- A document must not include both a `meta` element with an `http-equiv` attribute whose value is `content-type` , and a `meta` element with a `charset` attribute.

[HTML5](#)

<http://blockchain18.kmi.open.ac.uk/opdemo> line 4

<https://blockchain18.kmi.open.ac.uk/opdemo> line 4

- Attribute `w3-include-html` not allowed on element.

[HTML5](#)

<http://blockchain18.kmi.open.ac.uk/> line 14 39

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 12 133

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 14 327

<http://blockchain18.kmi.open.ac.uk/opdemo> line 25 87

<http://blockchain18.kmi.open.ac.uk/privacy.html> line 15 43

<https://blockchain18.kmi.open.ac.uk/> line 14 39

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 14 327

<https://blockchain18.kmi.open.ac.uk/opdemo> line 25 87

- The `center` element is obsolete. Use CSS instead.

[HTML5](#)

<http://blockchain18.kmi.open.ac.uk/> line 40 55

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 15

<http://blockchain18.kmi.open.ac.uk/privacy.html> line 17

<https://blockchain18.kmi.open.ac.uk/> line 21

- The `valign` attribute on the `td` element is obsolete. Use CSS instead.

[HTML5](#)

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 32 38 44 50 56 ...

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 32 38 44 50 56 ...

- The `width` attribute on the `td` element is obsolete. Use CSS instead.

[HTML5](#)

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 24 26 27

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 24 26 27

Informative

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

- Property or at-rule is vendor specific.

Properties and at-rules prefixed by a dash or underscore, the `zoom` property and the `expression()` function are vendor specific and only work on one browser engine.

CSS Validation

`-ms-word-break` <http://blockchain18.kmi.open.ac.uk/movies/stylesheets/app.css> line 201

`-ms-word-break` <https://blockchain18.kmi.open.ac.uk/movies/stylesheets/app.css> line 201

Usability

This section shows general usability issues, indicating navigation problems for all users.

Priority 2

3 issues on 8 pages

- Omitting `img width` or `height` attributes makes the page layout jump about as images load.

This makes the page very hard to read or click while it's loading. Fix by adding width and height attributes to the `img` tag matching the image dimensions. In responsive layouts, specifying `width` and `height` prevents layout jumping because the browser can pre-calculate the final image size when CSS like this is used: `img { max-width: 100%; height: auto }`

[Usability.gov 14:3 W3C](#)

<http://blockchain18.kmi.open.ac.uk/> line 19 22 26 41 ...

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 80 86 212 266 ...

<https://blockchain18.kmi.open.ac.uk/> line 21

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 80 86 212 266 ...

- On long pages, provide a list of contents with links that take users to the corresponding content farther down the page.

For long pages with distinct sections, add a short, clickable list of sections at the top of the page. This provides a page outline, and allows users to quickly navigate to specific information.

[Usability.gov 7:3](#)

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 1

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

- Provide a search option on each page of content-rich web sites.

A search option should be provided on all pages where it may be useful - users should not have to return to the homepage to conduct a search. Search engines can be helpful on content-rich web sites, but do not add value on other types of sites.

[Usability.gov 17:4](#)

<http://blockchain18.kmi.open.ac.uk/> line 1

<http://blockchain18.kmi.open.ac.uk/accessibility.html> line 1

<http://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<http://blockchain18.kmi.open.ac.uk/opdemo> line 1

<http://blockchain18.kmi.open.ac.uk/privacy.html> line 1

<https://blockchain18.kmi.open.ac.uk/> line 1

<https://blockchain18.kmi.open.ac.uk/movies/index.html> line 1

<https://blockchain18.kmi.open.ac.uk/opdemo> line 1

Priority 3

1 issues on 2 pages

- Use at least a 12-point font on all web pages.

- <p style="font-size: 11pt;" >
- <p style="font-size: 15px;" >
- <p style="font-size: small;" >
-
-

[Usability.gov 11:8](#)

<http://blockchain18.kmi.open.ac.uk/movies/stylesheets/app.css> line 108

<https://blockchain18.kmi.open.ac.uk/movies/stylesheets/app.css> line 108