

Performance

Metrics



▲ First Contentful Paint	5.1 s	▲ Time to Interactive	44.1 s
▲ Speed Index	23.3 s	▲ Total Blocking Time	1,220 ms
▲ Largest Contentful Paint	31.1 s	▲ Cumulative Layout Shift	0.266

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

[View Original Trace](#)



Opportunities — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
▲ Enable text compression	28.82 ▲ s

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. [Learn more.](#)

Show 3rd-party resources (7)

URL	Transfer Size	Potential Savings
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	3,348.2 KiB	2,939.4 KiB

URL	Transfer Size	Potential Savings
/assets/other_script-dd9a58c....js (www.unioncloud.org)	2,210.2 KiB	1,973.1 KiB
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	265.9 KiB	244 KiB
/assets/print-user-1665f94....css (www.unioncloud.org)	12.2 KiB	10.9 KiB
/assets/print-56319d8....css (www.unioncloud.org)	10.7 KiB	9.1 KiB
/assets/switch_guest_account-88c54f4....js (www.unioncloud.org)	3.8 KiB	3.2 KiB
/assets/reciteme-59af904....js (www.unioncloud.org)	2.9 KiB	2.2 KiB

▲ Remove unused JavaScript

18.75 ▲
s

Remove unused JavaScript to reduce bytes consumed by network activity. [Learn more](#).

Show 3rd-party resources (5)

URL	Transfer Size	Potential Savings
/assets/other_script-dd9a58c....js (www.unioncloud.org)	1,106.7 KiB	944 KiB
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	1,676.3 KiB	842.7 KiB
...config/165...?v=2.9.33&r=stable (connect.facebook.net)	137.9 KiB	102.5 KiB
/assets/core-08621f4....js (www.unioncloud.org)	196.7 KiB	67 KiB
/gtm.js?id=GTM-TRN7GDG (www.googletagmanager.com)	59.1 KiB	36.3 KiB

▲ Defer offscreen images

8.4 s ▲

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. [Learn more](#).

Show 3rd-party resources (22)

URL	Resource Size	Potential Savings
 ...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	250 KiB	250 KiB
 ...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	204.9 KiB	204.9 KiB
 ...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	194.3 KiB	194.3 KiB
 /getad.img/?libID=2683983 (servedbyadbutler.com)	182 KiB	182 KiB
 ...twobytwo/Artboard_2_2x.png (nusdigital.s3.amazonaws.com)	157.9 KiB	157.9 KiB
 ...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	81.1 KiB

URL		Resource Size	Potential Savings
	...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	81.1 KiB
	...twobytwo/hudlets3.png (nusdigital.s3.amazonaws.com)	79.8 KiB	79.8 KiB
	...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	49.5 KiB	49.5 KiB
	...small/at.png (nusdigital.s3.amazonaws.com)	48.8 KiB	48.8 KiB
	...twobytwo/Online_Clothes_Shop_Instagram_Square.png (nusdigital.s3.amazonaws.com)	48.7 KiB	48.7 KiB
	...small/Gaming_In....png (nusdigital.s3.amazonaws.com)	43.8 KiB	43.8 KiB
	...twobytwo/Artboard_3_2x.png (nusdigital.s3.amazonaws.com)	39.9 KiB	39.9 KiB
	...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	32.4 KiB	32.4 KiB
	...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	31.8 KiB	31.8 KiB
	...twobytwo/Artboard_1_2x.png (nusdigital.s3.amazonaws.com)	23.7 KiB	23.7 KiB
	...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	22.9 KiB	22.9 KiB
	...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	21.7 KiB	21.7 KiB
	...small/vegan.jpg (nusdigital.s3.amazonaws.com)	15.3 KiB	15.3 KiB
	...small/pexels-kaboompics-com-6347.jpg (nusdigital.s3.amazonaws.com)	6.5 KiB	6.5 KiB
	...small/download.jpg (nusdigital.s3.amazonaws.com)	4.1 KiB	4.1 KiB
	...admin_default/onevoice_logo-81b54f6....png (www.unioncloud.org)	2.8 KiB	2.8 KiB

▲ Serve images in next-gen formats

7.8 s ^

Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. [Learn more.](#)

 Show 3rd-party resources (26)

URL		Resource Size	Potential Savings
	...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	250 KiB	209.3 KiB

URL	Resource Size	Potential Savings
 ...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	194.6 KiB	178.5 KiB
 ...twobytwo/Artboard_2_2x.png (nusdigital.s3.amazonaws.com)	157.9 KiB	146.4 KiB
 ...default/events_icons.png (www.huddersfield.su)	95.8 KiB	92.4 KiB
 ...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	71.4 KiB
 ...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	71.4 KiB
 ...twobytwo/hudlets3.png (nusdigital.s3.amazonaws.com)	79.8 KiB	69.1 KiB
 ...twobytwo/hudlets1.png (nusdigital.s3.amazonaws.com)	73.7 KiB	60.8 KiB
 ...original/211x260_Adetayo.png (nusdigital.s3.amazonaws.com)	60.5 KiB	54.2 KiB
 ...original/211x211_Nurin.png (nusdigital.s3.amazonaws.com)	60.5 KiB	52.3 KiB
 ...original/211x211_Tom.png (nusdigital.s3.amazonaws.com)	60.2 KiB	51.9 KiB
 ...original/211x211_Beth.png (nusdigital.s3.amazonaws.com)	59.9 KiB	51.6 KiB
 ...original/211x211_Lucy.png (nusdigital.s3.amazonaws.com)	55.7 KiB	48.8 KiB
 ...small/at.png (nusdigital.s3.amazonaws.com)	48.8 KiB	43.8 KiB
 ...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	49.5 KiB	43.5 KiB
 ...small/Gaming_In....png (nusdigital.s3.amazonaws.com)	43.8 KiB	39.4 KiB
 ...twobytwo/Online_Clothes_Shop_Instagram_Square.png (nusdigital.s3.amazonaws.com)	48.7 KiB	35.6 KiB
 ...small/ToteBag_Web_2x.png (nusdigital.s3.amazonaws.com)	38.8 KiB	34.8 KiB
 ...twobytwo/Artboard_3_2x.png (nusdigital.s3.amazonaws.com)	39.9 KiB	34.7 KiB
 ...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	32.4 KiB	29.8 KiB
 ...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	31.8 KiB	25.1 KiB

URL		Resource Size	Potential Savings
 ...small/Mind_Logo.png (nusdigital.s3.amazonaws.com)		21.9 KiB	19 KiB
 ...twobytwo/Artboard_1_2x.png (nusdigital.s3.amazonaws.com)		23.7 KiB	18.9 KiB
 ...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)		22.9 KiB	18 KiB
 ...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)		21.7 KiB	17.7 KiB
 ...small/RWL_CO_logo_purple_new.png (nusdigital.s3.amazonaws.com)		22.5 KiB	17.5 KiB
 /QLi1ugR.png (i.imgur.com)		20 KiB	11.2 KiB

▲ Minify JavaScript

7.35 s ^

Minifying JavaScript files can reduce payload sizes and script parse time. [Learn more.](#)

Show 3rd-party resources (4)

URL		Transfer Size	Potential Savings
/assets/other_script-dd9a58c....js (www.unioncloud.org)		1,106.7 KiB	441.3 KiB
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)		1,676.3 KiB	304.6 KiB
/assets/core-08621f4....js (www.unioncloud.org)		196.7 KiB	85 KiB
/app.js (servedbyadbutler.com)		12.2 KiB	4.9 KiB
inline: ! function(e, t) { "use strict"; ...		8.3 KiB	3.2 KiB

▲ Eliminate render-blocking resources

2.76 s ^

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. [Learn more.](#)

Show 3rd-party resources (7)

URL		Transfer Size	Potential Savings
/assets/application_student_view-c222a65....css (www.unioncloud.org)		63.1 KiB	1,980 ms
/assets/advance-cms-ef6cf5d....css (www.unioncloud.org)		21.7 KiB	1,380 ms
/assets/cookie-50e42a1....css (www.unioncloud.org)		0.8 KiB	780 ms
...stylesheets/style-d29efd0....css (www.unioncloud.org)		1.3 KiB	780 ms
/stylesheets/accessibility.css (www.unioncloud.org)		0.7 KiB	150 ms
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)		213.7 KiB	3,620 ms
/assets/core-08621f4....js (www.unioncloud.org)		196.7 KiB	3,480 ms

▲ Use video formats for animated content

2.7 s ^

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. [Learn more](#)

Show 3rd-party resources (3)

URL	Resource Size	Potential Savings
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	409 KiB	257.7 KiB
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	387.8 KiB	240.4 KiB
/getad.img/?libID=2683983 (servedbyadbutler.com)	189.4 KiB	100.4 KiB

▲ Remove unused CSS

1.5 s ^

Remove dead rules from stylesheets and defer the loading of CSS not used for above-the-fold content to reduce unnecessary bytes consumed by network activity. [Learn more](#).

Show 3rd-party resources (5)

URL	Transfer Size	Potential Savings
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	213.7 KiB	177.6 KiB
/assets/application_student_view-c222a65....css (www.unioncloud.org)	63.1 KiB	60.7 KiB
/assets/advance-cms-ef6cf5d....css (www.unioncloud.org)	21.7 KiB	21.7 KiB
...css/uikit.min.css (cdnjs.cloudflare.com)	21.4 KiB	21.4 KiB
...css-hover-min.css (cdnjs.cloudflare.com)	11.5 KiB	11.5 KiB

▲ Efficiently encode images

0.9 s ^

Optimized images load faster and consume less cellular data. [Learn more](#).

Show 3rd-party resources (1)

URL	Resource Size	Potential Savings
 ...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	250 KiB	166.2 KiB

Properly size images

0.6 s ^

Serve images that are appropriately-sized to save cellular data and improve load time. [Learn more](#).

Show 3rd-party resources (6)

URL	Resource Size	Potential Savings
 ...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	27.1 KiB
 ...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	81.1 KiB	27.1 KiB

URL	Resource Size	Potential Savings
 ...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	49.5 KiB	16.5 KiB
 ...small/at.png (nusdigital.s3.amazonaws.com)	48.8 KiB	16.3 KiB
 ...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	32.4 KiB	10.8 KiB
 ...small/vegan.jpg (nusdigital.s3.amazonaws.com)	15.3 KiB	5.1 KiB

Use HTTP/2

0.6 s ^

HTTP/2 offers many benefits over HTTP/1.1, including binary headers, multiplexing, and server push. [Learn more.](#)

 Show 3rd-party resources (50)

URL	Protocol
...original/400x400_1.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/facebook-small.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/twitter.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/Insta-small.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/youtube.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Artboard_1_2x.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Artboard_2_2x.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Artboard_3_2x.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/hudlets1.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/hudlets3.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/Online_Clothes_Shop_Instagram_Square.png (nusdigital.s3.amazonaws.com)	http/1.1
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	http/1.1
...original/211x260_Adetayo.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/211x211_Tom.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/211x211_Nurin.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/211x211_Beth.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/211x211_Lucy.png (nusdigital.s3.amazonaws.com)	http/1.1

URL	Protocol
...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	http/1.1
...original/sm-icon-youtube-footer.png (s3-eu-west-1.amazonaws.com)	http/1.1
...original/sm-icon-twitter-footer.png (s3-eu-west-1.amazonaws.com)	http/1.1
...original/sm-icon-facebook-footer.png (s3-eu-west-1.amazonaws.com)	http/1.1
...04216b6.../Festivo.otf (s3-eu-west-1.amazonaws.com)	http/1.1
...optimized/like.png (s3-eu-west-1.amazonaws.com)	http/1.1
...optimized/dislike.png (s3-eu-west-1.amazonaws.com)	http/1.1
...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/vegan.jpg (nusdigital.s3.amazonaws.com)	http/1.1
...small/at.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/news-article-1.jpg (nusdigital.s3.amazonaws.com)	http/1.1
...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/book.jpeg (nusdigital.s3.amazonaws.com)	http/1.1
...small/Facebook-Twitter.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/download.jpg (nusdigital.s3.amazonaws.com)	http/1.1
...small/Couchto5k....png (nusdigital.s3.amazonaws.com)	http/1.1
...small/Mind_Logo.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/RWL_CO_logo_purple_new.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/ToteBag_Web_2x.png (nusdigital.s3.amazonaws.com)	http/1.1
...small/9DC01C50-....png (nusdigital.s3.amazonaws.com)	http/1.1
...small/article-2....jpg (nusdigital.s3.amazonaws.com)	http/1.1
...small/Gaming_In....png (nusdigital.s3.amazonaws.com)	http/1.1
...small/pexels-kaboompics-com-6347.jpg (nusdigital.s3.amazonaws.com)	http/1.1
...small/Campaigns_WOMEN.png (nusdigital.s3.amazonaws.com)	http/1.1
...original/spinner-2-50.gif (s3-eu-west-1.amazonaws.com)	http/1.1
...original/like-dislike-img.png (s3-eu-west-1.amazonaws.com)	http/1.1

Preconnect to required origins

0.3 s ^

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins.
[Learn more.](#)

URL	Potential Savings
https://www.facebook.com	300 ms

Diagnostics — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Avoid enormous network payloads — Total size was 10,477 KiB ^

Large network payloads cost users real money and are highly correlated with long load times. [Learn more](#).

Show 3rd-party resources (10)

URL	Transfer Size
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	1,676.3 KiB
/getad.img/?libID=2683980 (servedbyadbutler.com)	1,437.9 KiB
/getad.img/?libID=2683980 (servedbyadbutler.com)	1,437.9 KiB
/assets/other_script-dd9a58c....js (www.unioncloud.org)	1,106.7 KiB
...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	250 KiB
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	213.7 KiB
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	204.9 KiB
/assets/core-08621f4....js (www.unioncloud.org)	196.7 KiB
...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	194.6 KiB
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	194.3 KiB

▲ Serve static assets with an efficient cache policy — 98 resources found ^

A long cache lifetime can speed up repeat visits to your page. [Learn more](#).

Show 3rd-party resources (97)

URL	Cache TTL	Transfer Size
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	None	1,676 KiB
/assets/other_script-dd9a58c....js (www.unioncloud.org)	None	1,107 KiB
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	None	214 KiB
/assets/core-08621f4....js (www.unioncloud.org)	None	197 KiB
...hudsu/hudsu.css (nusdigital.s3-eu-west-1.amazonaws.com)	None	133 KiB
...default/events_icons.png (www.huddersfield.su)	None	96 KiB
...circular/lineto-circular-black-0a0f011....ttf (www.unioncloud.org)	None	67 KiB
/assets/application_student_view-c222a65....css (www.unioncloud.org)	None	63 KiB
...includes/Festivo.otf (www.huddersfieldstudent.com)	None	56 KiB
...circular/lineto-circular-book-0e714da....woff2 (www.unioncloud.org)	None	50 KiB
...includes/uikit.min.css (www.huddersfieldstudent.com)	None	27 KiB
...includes/uikit.min.css (www.huddersfieldstudent.com)	None	27 KiB
...includes/uikit.min.css (www.huddersfieldstudent.com)	None	27 KiB

URL	Cache TTL	Transfer Size
...includes/Quicksand.otf (www.huddersfieldstudent.com)	None	25 KiB
/assets/advance-cms-ef6cf5d....css (www.unioncloud.org)	None	22 KiB
...includes/style.css (www.huddersfieldstudent.com)	None	9 KiB
...includes-hover-min.css (www.huddersfieldstudent.com)	None	8 KiB
...includes-hover-min.css (www.huddersfieldstudent.com)	None	8 KiB
...includes-hover-min.css (www.huddersfieldstudent.com)	None	8 KiB
/assets/print-user-1665f94....css (www.unioncloud.org)	None	6 KiB
/assets/print-56319d8....css (www.unioncloud.org)	None	6 KiB
/users/sign_in (www.unioncloud.org)	None	4 KiB
...default/sv-widget-like-dislike-icon.png (www.unioncloud.org)	None	3 KiB
...includes/animate.css (www.huddersfieldstudent.com)	None	3 KiB
...includes/animate.css (www.huddersfieldstudent.com)	None	3 KiB
...includes/animate.css (www.huddersfieldstudent.com)	None	3 KiB
...includes/plyr.css (www.huddersfieldstudent.com)	None	3 KiB
...includes/plyr.css (www.huddersfieldstudent.com)	None	3 KiB
...includes/plyr.css (www.huddersfieldstudent.com)	None	3 KiB
...admin_default/onevoice_logo-81b54f6....png (www.unioncloud.org)	None	3 KiB
/assets/switch_guest_account-88c54f4....js (www.unioncloud.org)	None	2 KiB
/assets/reciteme-59af904....js (www.unioncloud.org)	None	2 KiB
...stylesheets/style-d29efd0....css (www.unioncloud.org)	None	1 KiB
/assets/cookie-50e42a1....css (www.unioncloud.org)	None	1 KiB
...hudsu/hudsu.js?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	None	1 KiB
...admin_default/onevoice_logo-81b54f6....png (www.unioncloud.org)	None	0 KiB
...config/165...?v=2.9.33&r=stable (connect.facebook.net)	20 m	138 KiB
/en_US/fbevents.js (connect.facebook.net)	20 m	45 KiB
/app.js (servedbyadbutler.com)	30 m	12 KiB
/analytics.js (www.google-analytics.com)	2 h	36 KiB
...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	1 d	250 KiB
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	1 d	205 KiB
...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	1 d	195 KiB
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	1 d	194 KiB
...twobytwo/Artboard_2_2x.png (nusdigital.s3.amazonaws.com)	1 d	158 KiB
...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	1 d	81 KiB

URL	Cache TTL	Transfer Size
...small/SUOfficers_.png (nusdigital.s3.amazonaws.com)	1 d	81 KiB
...twobytwo/hudlets3.png (nusdigital.s3.amazonaws.com)	1 d	80 KiB
...twobytwo/hudlets1.png (nusdigital.s3.amazonaws.com)	1 d	74 KiB
...04216b6.../Festivo.otf (s3-eu-west-1.amazonaws.com)	1 d	72 KiB
...original/211x211_Nurin.png (nusdigital.s3.amazonaws.com)	1 d	61 KiB
...original/211x260_Adetayo.png (nusdigital.s3.amazonaws.com)	1 d	61 KiB
...original/211x211_Tom.png (nusdigital.s3.amazonaws.com)	1 d	60 KiB
...original/211x211_Beth.png (nusdigital.s3.amazonaws.com)	1 d	60 KiB
...original/211x211_Lucy.png (nusdigital.s3.amazonaws.com)	1 d	56 KiB
...original/spinner-2-50.gif (s3-eu-west-1.amazonaws.com)	1 d	50 KiB
...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	1 d	49 KiB
...small/at.png (nusdigital.s3.amazonaws.com)	1 d	49 KiB
...twobytwo/Online_Clothes_Shop_Instagram_Square.png (nusdigital.s3.amazonaws.com)	1 d	49 KiB
...small/Gaming_In....png (nusdigital.s3.amazonaws.com)	1 d	44 KiB
...twobytwo/Artboard_3_2x.png (nusdigital.s3.amazonaws.com)	1 d	40 KiB
...small/ToteBag_Web_2x.png (nusdigital.s3.amazonaws.com)	1 d	39 KiB
...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	1 d	33 KiB
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	1 d	32 KiB
...twobytwo/Artboard_1_2x.png (nusdigital.s3.amazonaws.com)	1 d	24 KiB
...original/400x400_1.png (nusdigital.s3.amazonaws.com)	1 d	23 KiB
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	1 d	23 KiB
...small/RWL_CO_logo_purple_new.png (nusdigital.s3.amazonaws.com)	1 d	23 KiB
...small/Mind_Logo.png (nusdigital.s3.amazonaws.com)	1 d	22 KiB
...twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	1 d	22 KiB
...small/vegan.jpg (nusdigital.s3.amazonaws.com)	1 d	15 KiB
...original/400x400_1.png (nusdigital.s3.amazonaws.com)	1 d	12 KiB
...small/pexels-kaboompics-com-6347.jpg (nusdigital.s3.amazonaws.com)	1 d	7 KiB
...small/download.jpg (nusdigital.s3.amazonaws.com)	1 d	4 KiB
...optimized/dislike.png (s3-eu-west-1.amazonaws.com)	1 d	1 KiB
...optimized/like.png (s3-eu-west-1.amazonaws.com)	1 d	1 KiB
...original/facebook-small.png (nusdigital.s3.amazonaws.com)	1 d	1 KiB
...small/book.jpeg (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...small/Facebook-Twitter.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB

URL	Cache TTL	Transfer Size
...small/news-article-1.jpg (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...small/article-2....jpg (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...small/9DC01C50-....png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...small/Couchto5k....png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...small/Campaigns_WOMEN.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/like-dislike-img.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-facebook-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-facebook-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-youtube-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-youtube-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-twitter-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/sm-icon-twitter-footer.png (s3-eu-west-1.amazonaws.com)	1 d	0 KiB
...original/youtube.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/youtube.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/twitter.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/twitter.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/facebook-small.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/Insta-small.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB
...original/Insta-small.png (nusdigital.s3.amazonaws.com)	1 d	0 KiB

▲ Ensure text remains visible during webfont load



Warnings:

- Lighthouse was unable to automatically check the `font-display` value for the origin <https://s3-eu-west-1.amazonaws.com>.
- Lighthouse was unable to automatically check the `font-display` values for the origin <https://www.huddersfieldstudent.com>.

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. [Learn more.](#)

Show 3rd-party resources (5)

URL	Potential Savings
...circular/lineto-circular-book-0e714da....woff2 (www.unioncloud.org)	60 ms
...circular/lineto-circular-black-0a0f011....ttf (www.unioncloud.org)	80 ms
...fonts/ionicons.ttf?v=2.0.1 (code.ionicframework.com)	100 ms
...fonts/ionicons.ttf?v=2.0.1 (code.ionicframework.com)	60 ms
...fonts/ionicons.ttf?v=2.0.1 (code.ionicframework.com)	60 ms

▲ Does not use passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. [Learn more](#).

[Show 3rd-party resources \(0\)](#)

URL

<https://www.huddersfield.su>

Location

line: 6678

<https://www.huddersfield.su>

line: 6685

▲ Avoid `document.write()`

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. [Learn more](#).

[Show 3rd-party resources \(0\)](#)

URL

<https://www.huddersfield.su>

Location

line: 429

▲ Image elements do not have explicit `width` and `height`

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. [Learn more](#)

[Show 3rd-party resources \(48\)](#)

URL

Failing Elements



...original/facebook-small.png (nusdigital.s3.amazonaws.com)

img



...original/twitter.png (nusdigital.s3.amazonaws.com)

Twitter

```

```



...original/Insta-small.png (nusdigital.s3.amazonaws.com)

img



...original/youtube.png (nusdigital.s3.amazonaws.com)

YouTube

```

```



...twobytwo/Artboard_1_2x.png (nusdigital.s3.amazonaws.com) img



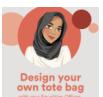
...twobytwo/Artboard_2_2x.png (nusdigital.s3.amazonaws.com) img

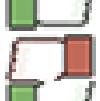
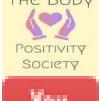


...twobytwo/Artboard_3_2x.png (nusdigital.s3.amazonaws.com) img



...twobytwo/hudlets1.png (nusdigital.s3.amazonaws.com) img

URL	Failing Elements
 ... twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/hudlets3.png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/Your_Big_....png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/Online_Clothes_Shop_Instagram_Square.png (nusdigital.s3.amazonaws.com)	img
 ... twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	img
 ... original/211x211_Adetayo.png (nusdigital.s3.amazonaws.com)	img
 ... original/211x211_Tom.png (nusdigital.s3.amazonaws.com)	img
 ... original/211x211_Nurin.png (nusdigital.s3.amazonaws.com)	img
 ... original/211x211_Beth.png (nusdigital.s3.amazonaws.com)	img
 ... original/211x211_Lucy.png (nusdigital.s3.amazonaws.com)	img
 ... small/Couchto5k....png (nusdigital.s3.amazonaws.com)	img
 ... small/Mind_Logo.png (nusdigital.s3.amazonaws.com)	img
 ...default/events_icons.png (www.huddersfield.su)	img
 ... small/RWL_CO_logo_purple_new.png (nusdigital.s3.amazonaws.com)	img
 ... small/ToteBag_Web_2x.png (nusdigital.s3.amazonaws.com)	img

URL	Failing Elements
 ...small/9DC01C50-....png (nusdigital.s3.amazonaws.com)	img
 ...small/article-2....jpg (nusdigital.s3.amazonaws.com)	img
 ...small/Gaming_In....png (nusdigital.s3.amazonaws.com)	img
 ...small/pexels-kaboompics-com-6347.jpg (nusdigital.s3.amazonaws.com)	img
 ...small/Campaigns_WOMEN.png (nusdigital.s3.amazonaws.com)	img
 ...original/like-dislike-img.png (s3-eu-west-1.amazonaws.com)	img.like-img
 ...original/like-dislike-img.png (s3-eu-west-1.amazonaws.com)	img.like-img
 ...original/like-dislike-img.png (s3-eu-west-1.amazonaws.com)	img.like-img
 ...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	img
 ...small/Screenshot_2021-03-04_at_16.23.43.png (nusdigital.s3.amazonaws.com)	img
 ...small/vegan.jpg (nusdigital.s3.amazonaws.com)	img
 ...small/at.png (nusdigital.s3.amazonaws.com)	img
 ...small/news-article-1.jpg (nusdigital.s3.amazonaws.com)	img
 ...small/SU_Officers_.png (nusdigital.s3.amazonaws.com)	img
 ...small/SU_Officers_.png (nusdigital.s3.amazonaws.com)	img
 ...small/FeelGoodAtHud_WebSlider.png (nusdigital.s3.amazonaws.com)	img
 ...small/book.jpeg (nusdigital.s3.amazonaws.com)	img
 ...small/Facebook-Twitter.png (nusdigital.s3.amazonaws.com)	img
 ...small/download.jpg (nusdigital.s3.amazonaws.com)	img
 ...original/sm-icon-youtube-footer.png (s3-eu-west-1.amazonaws.com)	img

URL	Failing Elements
 ...original/sm-icon-twitter-footer.png (s3-eu-west-1.amazonaws.com)	img
 ...original/sm-icon-facebook-footer.png (s3-eu-west-1.amazonaws.com)	img
 ...admin_default/onevoice_logo-81b54f6....png (www.unioncloud.org)	img

▲ Minimize main-thread work — 8.7 s ^

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#)

Category	Time Spent
Script Evaluation	3,731 ms
Other	1,900 ms
Style & Layout	1,366 ms
Parse HTML & CSS	797 ms
Script Parsing & Compilation	562 ms
Rendering	244 ms
Garbage Collection	58 ms

▲ Reduce JavaScript execution time — 4.2 s ^

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. [Learn more](#).

Show 3rd-party resources (7)

URL	Total CPU Time	Script Evaluation	Script Parse
/assets/core-08621f4....js (www.unioncloud.org)	3,404 ms	1,849 ms	33 ms
https://www.huddersfield.su	2,599 ms	1,004 ms	264 ms
Unattributable	1,324 ms	7 ms	0 ms
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	503 ms	364 ms	138 ms
/assets/other_script-dd9a58c....js (www.unioncloud.org)	273 ms	178 ms	53 ms
...config/165...?v=2.9.33&r=stable (connect.facebook.net)	98 ms	83 ms	11 ms
/analytics.js (www.google-analytics.com)	86 ms	63 ms	2 ms
/en_US/fbevents.js (connect.facebook.net)	71 ms	39 ms	30 ms
/gtm.js?id=GTM-TRN7GDG (www.googletagmanager.com)	51 ms	43 ms	4 ms

Avoid an excessive DOM size — 1,106 elements ^

A large DOM will increase memory usage, cause longer [style calculations](#), and produce costly [layout reflows](#). [Learn more](#).

Statistic	Element	Value
Total DOM Elements		NaN
Maximum DOM Depth		22
Maximum Child Elements	<div id="re-skin-2016-footer-wrap" class="list-wrap">	19

Avoid chaining critical requests — 20 chains found ^

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. [Learn more.](#)

Maximum critical path latency: **1,050 ms**

Initial Navigation

<https://www.huddersfield.su>

```
/assets/application_student_view-c222a65....css (www.unioncloud.org) - 110 ms, 63.14 KiB
/assets/advance-cms-ef6cf5d....css (www.unioncloud.org) - 80 ms, 21.67 KiB
/assets/cookie-50e42a1....css (www.unioncloud.org) - 60 ms, 0.82 KiB
...stylesheets/style-d29efd0....css (www.unioncloud.org)
...circular/lineto-circular-book-0e714da....woff2 (www.unioncloud.org) - 60 ms, 50.41 KiB
...circular/lineto-circular-black-0a0f011....ttf (www.unioncloud.org) - 80 ms, 67.31 KiB
/stylesheets/accessibility.css (www.unioncloud.org)
/stylesheets/accessibility.css (www.unioncloud.org)
/users/sign_in (www.unioncloud.org) - 100 ms, 3.93 KiB
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com) - 150 ms, 213.71 KiB
/assets/core-08621f4....js (www.unioncloud.org) - 120 ms, 196.69 KiB
...css/ionicons.min.css (code.ionicframework.com)
...fonts/ionicons.ttf?v=2.0.1 (code.ionicframework.com) - 100 ms, 102.11 KiB
...css/uikit.min.css (cdnjs.cloudflare.com) - 30 ms, 21.43 KiB
...3.5.2/animate.min.css (cdnjs.cloudflare.com) - 20 ms, 3.54 KiB
...css/hover-min.css (cdnjs.cloudflare.com) - 30 ms, 11.52 KiB
...css/imagehover.min.css (cdnjs.cloudflare.com) - 30 ms, 2.78 KiB
/assets/application_student_view-f3e3c73....js (www.unioncloud.org) - 390 ms, 1,676.3 KiB
/assets/switch_guest_account-88c54f4....js (www.unioncloud.org) - 60 ms, 2.24 KiB
/assets/other_script-dd9a58c....js (www.unioncloud.org) - 560 ms, 1,106.67 KiB
/assets/reciteme-59af904....js (www.unioncloud.org) - 50 ms, 1.82 KiB
...hudsu/hudsu.js?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com) - 80 ms, 0.56 KiB
...0.5.0/move.min.js (cdnjs.cloudflare.com) - 20 ms, 4.05 KiB
...js/uikit-icons.min.js (cdnjs.cloudflare.com) - 20 ms, 29.13 KiB
```

Keep request counts low and transfer sizes small — 155 requests • 10,480 KiB ^

To set budgets for the quantity and size of page resources, add a budget.json file. [Learn more.](#)

Resource Type	Requests	Transfer Size
Total	155	10,480.1 KiB
Image	78	5,691.8 KiB
Script	16	3,362 KiB
Stylesheet	30	654.2 KiB
Font	8	577.2 KiB
Other	7	100.6 KiB
Document	16	94.3 KiB
Media	0	0 KiB
Third-party	149	10,199.6 KiB

Largest Contentful Paint element — 1 element found ^

This is the largest contentful element painted within the viewport. [Learn More](#)

Element

`div#main-scroller.section.tab.auto-tabs.ui-tabs.ui-corner-all.ui-widget.ui-widget-content`

Avoid large layout shifts — 4 elements found ^

These DOM elements contribute most to the CLS of the page.

Element	CLS Contribution
<code>div.top-wrap</code>	0.109
<code>div.tab-content-wrapper-box</code>	0.072
<code>div.row.top</code>	0.041
<code>div.system-menu</code>	0.025

Avoid long main-thread tasks — 20 long tasks found ^

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. [Learn more](#)

Show 3rd-party resources (14)

URL	Start Time	Duration
<code>/assets/application_student_view-f3e3c73....js</code> (www.unioncloud.org)	43,547 ms	715 ms
<code>/assets/core-08621f4....js</code> (www.unioncloud.org)	57,299 ms	502 ms
<code>/assets/core-08621f4....js</code> (www.unioncloud.org)	58,418 ms	361 ms
<code>/assets/other_script-dd9a58c....js</code> (www.unioncloud.org)	56,915 ms	278 ms
<code>https://www.huddersfield.su</code>	1,365 ms	218 ms
<code>/assets/core-08621f4....js</code> (www.unioncloud.org)	57,908 ms	191 ms

URL	Start Time	Duration
/assets/core-08621f4....js (www.unioncloud.org)	17,897 ms	167 ms
https://www.huddersfield.su	1,583 ms	133 ms
https://www.huddersfield.su	4,517 ms	117 ms
/assets/core-08621f4....js (www.unioncloud.org)	58,099 ms	115 ms
/assets/core-08621f4....js (www.unioncloud.org)	18,194 ms	94 ms
https://www.huddersfield.su	1,783 ms	92 ms
/assets/core-08621f4....js (www.unioncloud.org)	57,818 ms	90 ms
/assets/core-08621f4....js (www.unioncloud.org)	25,720 ms	86 ms
...config/165...?v=2.9.33&r=stable (connect.facebook.net)	17,790 ms	81 ms
/en_US/fbevents.js (connect.facebook.net)	7,794 ms	71 ms
https://www.huddersfield.su	1,716 ms	67 ms
/assets/core-08621f4....js (www.unioncloud.org)	18,409 ms	61 ms
Unattributable	1,875 ms	59 ms
/assets/core-08621f4....js (www.unioncloud.org)	18,470 ms	57 ms

Avoid non-composited animations — 12 animated elements found ^

Animations which are not composited can be janky and increase CLS. [Learn more](#)

Element

button.uk-button.uk-button-large.bw-icon

Unsupported CSS Property: border-bottom-color

Unsupported CSS Property: border-left-color

Unsupported CSS Property: border-right-color

Unsupported CSS Property: border-top-color

a

Unsupported CSS Property: color

a

Element

Unsupported CSS Property: color

a

Unsupported CSS Property: color

Passed audits (8)

^

Minify CSS

^

Minifying CSS files can reduce network payload sizes. [Learn more.](#)

Initial server response time was short — Root document took 230 ms

^

Keep the server response time for the main document short because all other requests depend on it. [Learn more.](#)

Show 3rd-party resources (0)

URL

Time Spent

<https://www.huddersfield.su>

230 ms

Avoid multiple page redirects

^

Redirects introduce additional delays before the page can be loaded. [Learn more.](#)

Preload key requests

^

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. [Learn more.](#)

Remove duplicate modules in JavaScript bundles

^

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity.

Avoid serving legacy JavaScript to modern browsers — Potential savings of 23 KiB

^

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers. [Learn more.](#)

[More](#)

Show 3rd-party resources (3)

URL

Potential Savings

User Timing marks and measures

^

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. [Learn more](#).

Minimize third-party usage — Third-party code blocked the main thread for 20 ms ^

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. [Learn more](#).

[Show 3rd-party resources \(0\)](#)

Third-Party	Transfer Size	Main-Thread Blocking Time
Facebook	183 KiB	15 ms
...config/165...?v=2.9.33&r=stable (connect.facebook.net)	138 KiB	15 ms
/en_US/fbevents.js (connect.facebook.net)	45 KiB	0 ms
Google Analytics	36 KiB	10 ms
/analytics.js (www.google-analytics.com)	36 KiB	10 ms
Amazon Web Services	2,606 KiB	0 ms
...original/Artboard_2_2x-100.jpg (s3-eu-west-1.amazonaws.com)	250 KiB	0 ms
...hudsu/hudsu.css?v1=202... (nusdigital.s3-eu-west-1.amazonaws.com)	214 KiB	0 ms
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	205 KiB	0 ms
...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	195 KiB	0 ms
...twobytwo/TOTUM_COR....gif (nusdigital.s3.amazonaws.com)	194 KiB	0 ms
Other resources	1,548 KiB	0 ms
Cloudflare CDN	126 KiB	0 ms
...js/uikit-icons.min.js (cdnjs.cloudflare.com)	29 KiB	0 ms
...3.2.1/jquery.min.js (cdnjs.cloudflare.com)	27 KiB	0 ms
...js/uikit.min.js (cdnjs.cloudflare.com)	26 KiB	0 ms
...css/uikit.min.css (cdnjs.cloudflare.com)	21 KiB	0 ms
...css-hover-min.css (cdnjs.cloudflare.com)	12 KiB	0 ms
Other resources	10 KiB	0 ms
Google Tag Manager	59 KiB	0 ms
/gtm.js?id=GTM-TRN7GDG (www.googletagmanager.com)	59 KiB	0 ms
Imgur	20 KiB	0 ms
/QLi1ugR.png (i.imgur.com)	20 KiB	0 ms



Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Names and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

▲ Buttons do not have an accessible name ^

When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. [Learn more](#).

Failing Elements

```
button
<button onclick="openNav();" class="mmdropbtn">
  button.uk-button.uk-button-large.bw-icon
```

▲ <frame> or <iframe> elements do not have a title ^

Screen reader users rely on frame titles to describe the contents of frames. [Learn more](#).

Failing Elements

```
iframe#IframeFooter
iframe#soc-widget
```

▲ Links do not have a discernible name ^

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. [Learn more](#).

Failing Elements

```
a
<a href="http://www.huddersfield.su">
```

Contrast — These are opportunities to improve the legibility of your content.

▲ Background and foreground colors do not have a sufficient contrast ratio. ^

Low-contrast text is difficult or impossible for many users to read. [Learn more](#).

Failing Elements

```
a.uc-sign-link
a
a.hvr-buzz-out
a
a.hvr-buzz-out
a
a.hvr-buzz-out
a
```

Failing Elements

a.hvr-buzz-out

a

a.hvr-buzz-out

h2

h2

a

a

a

a

a

a

a

a

a

a

a

a

h2

a

a

a

h2

a

a

a

a

a

a

a

a

a

a

a

a

Failing Elements

a
a
a
a.more.more-articles
span
span

Best practices — These items highlight common accessibility best practices.

⚠ [user-scalable="no"] is used in the `<meta name="viewport">` element or the [maximum-scale] attribute is less than 5. ^

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [Learn more.](#)

Failing Elements

meta

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. Learn ^ more in our guide on [conducting an accessibility review](#).

The page has a logical tab order ^

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. [Learn more.](#)

Interactive controls are keyboard focusable ^

Custom interactive controls are keyboard focusable and display a focus indicator. [Learn more.](#)

Interactive elements indicate their purpose and state ^

Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. [Learn more.](#)

The user's focus is directed to new content added to the page ^

If new content, such as a dialog, is added to the page, the user's focus is directed to it. [Learn more.](#)

User focus is not accidentally trapped in a region ^

A user can tab into and out of any control or region without accidentally trapping their focus. [Learn more.](#)

Custom controls have associated labels ^

Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. [Learn more.](#)

Custom controls have ARIA roles ^

Custom interactive controls have appropriate ARIA roles. [Learn more.](#)

Visual order on the page follows DOM order ^

DOM order matches the visual order, improving navigation for assistive technology. [Learn more.](#)

Offscreen content is hidden from assistive technology [^](#)

Offscreen content is hidden with display: none or aria-hidden=true. [Learn more.](#)

HTML5 landmark elements are used to improve navigation [^](#)

Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. [Learn more.](#)

Passed audits (18) [^](#)

[aria-*] attributes match their roles [^](#)

Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. [Learn more.](#)

[aria-hidden="true"] is not present on the document <body> [^](#)

Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document `<body>`. [Learn more.](#)

[aria-hidden="true"] elements do not contain focusable descendants [^](#)

Focusable descendants within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. [Learn more.](#)

[role]s have all required [aria-*] attributes [^](#)

Some ARIA roles have required attributes that describe the state of the element to screen readers. [Learn more.](#)

Elements with an ARIA [role] that require children to contain a specific [role] have all required children. [^](#)

Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. [Learn more.](#)

[role]s are contained by their required parent element [^](#)

Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. [Learn more.](#)

[role] values are valid [^](#)

ARIA roles must have valid values in order to perform their intended accessibility functions. [Learn more.](#)

[aria-*] attributes have valid values [^](#)

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. [Learn more.](#)

[aria-*] attributes are valid and not misspelled [^](#)

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. [Learn more.](#)

The page contains a heading, skip link, or landmark region [^](#)

Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. [Learn more.](#)

Document has a <title> element [^](#)

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. [Learn more.](#)

ARIA IDs are unique

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. [Learn more.](#)

Heading elements appear in a sequentially-descending order

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. [Learn more.](#)

`<html>` element has a `[lang]` attribute

If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. [Learn more.](#)

`<html>` element has a valid value for its `[lang]` attribute

Specifying a valid [BCP 47 language](#) helps screen readers announce text properly. [Learn more.](#)

Image elements have `[alt]` attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. [Learn more.](#)

Lists contain only `` elements and script supporting elements (`<script>` and `<template>`).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. [Learn more.](#)

List items (``) are contained within `` or `` parent elements

Screen readers require list items ('``') to be contained within a parent '``' or '``' to be announced properly. [Learn more.](#)

Not applicable (18)

`[accesskey]` values are unique

Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. [Learn more.](#)

ARIA input fields have accessible names

When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn more.](#)

ARIA toggle fields have accessible names

When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. [Learn more.](#)

`<dl>`'s contain only properly-ordered `<dt>` and `<dd>` groups, `<script>`, `<template>` or `<div>` elements

When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. [Learn more.](#)

Definition list items are wrapped in `<dl>` elements

Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. [Learn more](#).

[\[id\]](#) attributes on active, focusable elements are unique

All focusable elements must have a unique `id` to ensure that they're visible to assistive technologies. [Learn more](#).

No form fields have multiple labels

Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. [Learn more](#).

<input type="image"> elements have [alt] text

When an image is being used as an `<input>` button, providing alternative text can help screen reader users understand the purpose of the button. [Learn more](#).

Form elements have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. [Learn more](#).

Presentational <table> elements avoid using <th>, <caption> or the [summary] attribute.

A table being used for layout purposes should not include data elements, such as the th or caption elements or the summary attribute, because this can create a confusing experience for screen reader users. [Learn more](#).

The document does not use <meta http-equiv="refresh">

Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. [Learn more](#).

<object> elements have [alt] text

Screen readers cannot translate non-text content. Adding alt text to `<object>` elements helps screen readers convey meaning to users. [Learn more](#).

No element has a [tabindex] value greater than 0

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. [Learn more](#).

Cells in a <table> element that use the [headers] attribute refer to table cells within the same table.

Screen readers have features to make navigating tables easier. Ensuring `<td>` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. [Learn more](#).

<th> elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.

Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. [Learn more](#).

[lang] attributes have a valid value

Specifying a valid [BCP 47 language](#) on elements helps ensure that text is pronounced correctly by a screen reader. [Learn more](#).

<video> elements contain a <track> element with [kind="captions"]

When a video provides a caption it is easier for deaf and hearing impaired users to access its information. [Learn more](#).

<video> elements contain a <track> element with [kind="description"]

Audio descriptions provide relevant information for videos that dialogue cannot, such as facial expressions and scenes.

[Learn more.](#)



Best Practices

Trust and Safety

- ▲ Links to cross-origin destinations are unsafe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities.

[Learn more.](#)

Failing Anchors

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- ▲ Includes front-end JavaScript libraries with known security vulnerabilities — 8 vulnerabilities detected

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers.

[Learn more.](#)

Library Version	Vulnerability Count	Highest Severity
Highcharts@6.0.7	2	High
jQuery@3.2.1	3	Medium
Moment.js@2.9.0	3	Medium

User Experience

- ▲ Serves images with low resolution ^

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. [Learn more.](#)

Show 3rd-party resources (2)

URL	Displayed size	Actual size	Expected size
 ...twobytwo/hudlets1.png (nusdigital.s3.amazonaws.com)	296 x 296	296 x 296	888 x 888
 ...twobytwo/hudlets2.png (nusdigital.s3.amazonaws.com)	296 x 296	296 x 296	888 x 888

General

- ▲ Registers an `unload` listener ^

The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Consider using the `pagehide` or `visibilitychange` events instead. [Learn More](#)

Show 3rd-party resources (1)

URL

fbevents.js:23

- ▲ Browser errors were logged to the console ^

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. [Learn more](#)

Show 3rd-party resources (3)

URL Description

<https://www.huddersfield.su>

<https://www.huddersfield.su>

/hudsu/signin.html (www.huddersfieldstudent.com) Blocked autofocusing on a <input> element in a cross-origin subframe.

/hudsu/signin.html (www.huddersfieldstudent.com) Blocked autofocusing on a <input> element in a cross-origin subframe.

...js/uikit.min.js (cdnjs.cloudflare.com) Blocked autofocusing on a <input> element in a cross-origin subframe.

- ▲ Missing source maps for large first-party JavaScript ^

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. [Learn more.](#)

Show 3rd-party resources (3)

URL	Map URL
/assets/other_script-dd9a58c....js (www.unioncloud.org)	
Large JavaScript file is missing a source map	
/assets/application_student_view-f3e3c73....js (www.unioncloud.org)	/assets/Intl.min.js.map (www.unioncloud.org)
Large JavaScript file is missing a source map	
Error: Invalid response status code: 302	
/assets/core-08621f4....js (www.unioncloud.org)	/assets/jquery.countdown.min.map (www.unioncloud.org)
Error: Invalid response status code: 302)

Passed audits (10)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding [mixed content](#), where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. [Learn more.](#)

Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. [Learn more.](#)

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. [Learn more.](#)

Allows users to paste into password fields

Preventing password pasting undermines good security policy. [Learn more.](#)

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. [Learn more.](#)

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. [Learn more.](#)

Properly defines charset

A character encoding declaration is required. It can be done with a `<meta>` tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. [Learn more.](#)

Avoids Application Cache

Application Cache is deprecated. [Learn more.](#)

Detected JavaScript libraries

All front-end JavaScript libraries detected on the page. [Learn more.](#)

Name	Version
Highcharts	6.0.7
jQuery	3.2.1
jQuery UI	1.12.1
Moment.js	2.9.0
core-js	core-js-pure@3.0.0

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. [Learn more.](#)

Not applicable (1)

Fonts with `font-display: optional` are preloaded

Preload 'optional' fonts so first-time visitors may use them. [Learn More](#)



Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more.](#)

Fast and reliable

Page load is not fast enough on mobile networks

- ⚠ Your page loads too slowly and is not interactive within 10 seconds. Look at the opportunities and diagnostics in the "Performance" section to learn how to improve.
 - Interactive at 44.1 s

A fast page load over a cellular network ensures a good mobile user experience. [Learn more.](#)

- ⚠ Current page does not respond with a 200 when offline

If you're building a Progressive Web App, consider using a service worker so that your app can work offline. [Learn more.](#)

- ⚠ `start_url` does not respond with a 200 when offline [No usable web app manifest found on page.](#)

A service worker enables your web app to be reliable in unpredictable network conditions. [Learn more.](#)

Installable

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding [mixed content](#), where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. [Learn more](#).

▲ Does not register a service worker that controls page and [start_url](#)

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. [Learn more](#).

▲ Web app manifest does not meet the installability requirements [Failures: No manifest was fetched](#).

Browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. [Learn more](#).

PWA Optimized

Redirects HTTP traffic to HTTPS

If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. [Learn more](#).

▲ Is not configured for a custom splash screen [Failures: No manifest was fetched](#).

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. [Learn more](#).

▲ Does not set a theme color for the address bar.

▲ [Failures: No manifest was fetched](#), No `<meta name="theme-color">` tag found.

The browser address bar can be themed to match your site. [Learn more](#).

Content is sized correctly for the viewport

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. [Learn more](#).

Has a `<meta name="viewport">` tag with `width` or `initial-scale`

Add a `<meta name="viewport">` tag to optimize your app for mobile screens. [Learn more](#).

Contains some content when JavaScript is not available

Your app should display some content when JavaScript is disabled, even if it's just a warning to the user that JavaScript is required to use the app. [Learn more](#).

Provides a valid `apple-touch-icon`

For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touch-icon`. It must point to a non-transparent 192px (or 180px) square PNG. [Learn More](#).

▲ Manifest doesn't have a maskable icon [No manifest was fetched](#)

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. [Learn more](#).

Additional items to manually check (3) — These checks are required by the baseline [PWA Checklist](#) but are not

automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Site works cross-browser ^

To reach the most number of users, sites should work across every major browser. [Learn more](#).

Page transitions don't feel like they block on the network ^

Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of performance. [Learn more](#).

Each page has a URL ^

Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. [Learn more](#).

Runtime Settings

URL	https://www.huddersfield.su/
Fetch Time	Mar 11, 2021, 10:08 AM GMT
Device	Emulated Moto G4
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.190 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 7.0; Moto G (4)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1823
Axe version	3.5.5

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