



Performance

Metrics			=
First Contentful Paint	3.0 s	First Meaningful Paint	3.0 s
Speed Index	3.0 s	First CPU Idle	3.2 s
Time to Interactive	3.2 s	Max Potential First Input Delay	100 ms
View Trace			
Values are estimated and may vary. The performa	ance score is <u>base</u>	d only on these metrics.	



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

Ор	portunity	Estima	ated Savings
	Properly size images		7.2 s ^
	Serve images that are appropriately-sized to save cellular data and improve load time. Learn I	more.	
		Show 3rd party re	esources (0)
	URL	Size	Potential Savings
	tab-images/darius.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	250 KB	237 KB

	URL	Size	Potential Savings
	tab-images/bates.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	233 KB	228 KB
	tab-images/dodge.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	155 KB	149 KB
	tab-images/jones.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	144 KB	140 KB
	images/hero-bg-1.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	276 KB	97 KB
	tab-images/morello.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	61 KB	59 KB
	tab-images/crotty.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	63 KB	59 KB
	tab-images/davis.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	62 KB	58 KB
	tab-images/dankworth.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	58 KB	55 KB
	tab-images/militello.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	55 KB	51 KB
	tab-images/dawson.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	50 KB	45 KB
	tab-images/wright.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	46 KB	42 KB
	tab-images/norman.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	47 KB	42 KB
1	tab-images/mulligan.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	39 KB	37 KB
	tab-images/chris.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	38 KB	33 KB
	tab-images/six.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	34 KB	28 KB
	tab-images/moore.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	30 KB	28 KB
	tab-images/dan.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	29 KB	26 KB
	tab-images/desmond.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	8 KB	4 KB
	tab-images/dave.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	7 KB	4 KB

Eliminate render-blocking resources

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn more</u>.

Show 3rd-party resources (7)

URL	Size	Potential Savings
/jquery-3.4.1.slim.min.js (code.jquery.com)	44 KB	2,110 ms
umd/popper.min.js (cdn.jsdelivr.net)	14 KB	1,510 ms
css/font-awesome.min.css (stackpath.bootstrapcdn.com)	14 KB	1,510 ms
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	23 KB	1,810 ms
css/hover-min.css (cdnjs.cloudflare.com)	12 KB	1,380 ms
4/w3.css (www.w3schools.com)	10 KB	1,380 ms
css/style.css (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	10 KB	750 ms
js/bootstrap.min.js (stackpath.bootstrapcdn.com)	31 KB	1,960 ms

Remove unused CSS 0.39 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. <u>Learn more</u>.

Show 3rd-party resources (4)

URL	Size	Potential Savings
css/bootstrap.min.css (stackpath.bootstrapcdn.com)	23 KB	23 KB
css/font-awesome.min.css (stackpath.bootstrapcdn.com)	14 KB	14 KB
css/hover-min.css (cdnjs.cloudflare.com)	12 KB	12 KB
4/w3.css (www.w3schools.com)	10 KB	10 KB

Diagnostics — More information about the performance of your application. These numbers don't <u>directly affect</u> the Performance score.

▲ Ensure text remains visible during webfont load

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

Show 3rd party resources (1)

URL Potential Savings

...fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com) 40 ms

Serve static assets with an efficient cache policy - 23 resources found

A long cache lifetime can speed up repeat visits to your page. Learn more.

Show 3rd-party resources (1)

URL	Cache TTL	Size
images/hero-bg-1.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	276 KB
tab-images/darius.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	251 KB
tab-images/bates.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	233 KB
images/sheet-music-bg.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	223 KB
tab-images/dodge.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	156 KB
tab-images/jones.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	145 KB
tab-images/crotty.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	63 KB
tab-images/davis.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	62 KB
tab-images/morello.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	61 KB
tab-images/dankworth.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	58 KB
tab-images/militello.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	55 KB
tab-images/dawson.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	50 KB
tab-images/norman.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	47 KB
tab-images/wright.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	46 KB
tab-images/mulligan.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	39 KB
tab-images/chris.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	38 KB
tab-images/six.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	34 KB
tab-images/moore.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	30 KB
tab-images/dan.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	29 KB
css/style.css (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	10 KB
tab-images/desmond.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	8 KB
tab-images/dave.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	None	7 KB
4/w3.css (www.w3schools.com)	4 h	10 KB

Minimize main-thread work — 2.4 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>

Category Time Spent

Other 1,480 ms

Category	Time Spent
Style & Layout	313 ms
Rendering	202 ms
Parse HTML & CSS	171 ms
Script Evaluation	160 ms
Script Parsing & Compilation	34 ms
Garbage Collection	21 ms

Avoid chaining critical requests - 12 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: 480 ms

Initial Navigation

/members.html (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)

/jquery-3.4.1.slim.min.js (code.jquery.com) - 80 ms, 43.86 KB

- ...umd/popper.min.js (cdn.jsdelivr.net) 40 ms, 14.26 KB
- ...css/font-awesome.min.css (stackpath.bootstrapcdn.com) 40 ms, 13.89 KB
- ...css/bootstrap.min.css (stackpath.bootstrapcdn.com) 90 ms, 23.37 KB
- ...css/hover-min.css (cdnjs.cloudflare.com) 60 ms, 12.03 KB
- ...4/w3.css (www.w3schools.com) 40 ms, 10.43 KB
- ...css/style.css (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io) 100 ms, 10.2 KB
- ...js/bootstrap.min.js (stackpath.bootstrapcdn.com) 80 ms, 31.2 KB

/css2?family=Acme&family=Fondamento:ital@1&display=swap (fonts.googleapis.com) - 40 ms, 0.92 KB

- ...v9/RrQfboBx-....woff2 (fonts.gstatic.com) 30 ms, 8.42 KB
- ...v10/4UaFrEJGs....woff2 (fonts.gstatic.com) 60 ms, 22.4 KB
- ...fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com) 40 ms, 150.92 KB

Keep request counts low and transfer sizes small - 34 requests • 2,265 KB

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

Resource Type	Requests	Transfer Size
Total	34	2,265 KB
Image	21	1,910 KB
Font	3	182 KB
Script	3	89 KB

Resource Type	Requests	7	ransfer Size
Stylesheet	6		71 KB
Document	1		12 KB
Media	0		0 KB
Other	0		0 KB
Third-party	11		332 KB
ssed audits (16)			^
Defer offscreen images			^
Consider lazy-loading offscreen and hidden images after interactive. <u>Learn more</u> .	r all critical resources have finished to	oading to lower time	to
Minify CSS — Potential savings of 4 KB			^
Minifying CSS files can reduce network payload sizes. L	<u>earn more</u> .		
	(Show 3rd party re	sources (0)
URL		Size	Potential Savings
css/style.css (8000-f4b3ce55-1946-4210-88b8-76612e0	6a169.ws-us02.gitpod.io)	10 KB	4 KB
Minify JavaScript			^
Minifying JavaScript files can reduce payload sizes and	script parse time. <u>Learn more</u> .		
Efficiently encode images			^
Optimized images load faster and consume less cellular	data. <u>Learn more</u> .		
Serve images in next-gen formats			^
Image formats like JPEG 2000, JPEG XR, and WebP ofter	en provide better compression than F	PNG or JPEG, which	means
faster downloads and less data consumption. Learn mor			
faster downloads and less data consumption. <u>Learn more</u> Enable text compression			^
·	r <u>e</u> .	total network bytes.	
Enable text compression Text-based resources should be served with compression	r <u>e</u> .	total network bytes.	
Enable text compression Text-based resources should be served with compression more.	on (gzip, deflate or brotli) to minimize		<u>Learn</u>
Enable text compression Text-based resources should be served with compression more. Preconnect to required origins Consider adding `preconnect` or `dns-prefetch` resource	on (gzip, deflate or brotli) to minimize hints to establish early connections		<u>Learn</u>

Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. Learn more.

Preload key requests

Consider using `k rel=preload>` to prioritize fetching resources that are currently requested later in page load. <u>Learn more.</u>

Use video formats for animated content

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. <u>Learn more</u>

Avoids enormous network payloads - Total size was 2,265 KB

Large network payloads cost users real money and are highly correlated with long load times. Learn more.

Show 3rd-party resources (1)

URL	Size
images/hero-bg-1.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	276 KB
tab-images/darius.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	251 KB
tab-images/bates.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	233 KB
images/sheet-music-bg.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	223 KB
tab-images/dodge.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	156 KB
fonts/fontawesome-webfont.woff2?v=4.7.0 (stackpath.bootstrapcdn.com)	151 KB
tab-images/jones.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	145 KB
tab-images/crotty.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	63 KB
tab-images/davis.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	62 KB
tab-images/morello.png (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	61 KB

Avoids an excessive DOM size - 244 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		244
Maximum DOM Depth	<pre></pre>	9
Maximum Child Elements	<div class="row"></div>	21

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. <u>Learn more</u>.

JavaScript execution time - 0.2 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>.

Show 3rd-party resources (1)

URL	Total CPU Time	Script Evaluation	Script Parse
Other	2,203 ms	16 ms	2 ms
/jquery-3.4.1.slim.min.js (code.jquery.com)	80 ms	74 ms	4 ms
<pre>chrome- extension://dodmmooeoklaejobgleioelladacbeki/dist/bundles/gitpodify.bu ndle.js</pre>	55 ms	42 ms	12 ms

Minimize third-party usage - Third-party code blocked the main thread for 0 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. <u>Learn more</u>.

Size	Main-Thread Blocking Time
44 KB	4 ms
219 KB	0 ms
14 KB	0 ms
12 KB	0 ms
	44 KB 219 KB 14 KB



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.

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	
h3	
button.tablinks	
Additional items to manually check (11) — 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. Headings don't skip levels Headings are used to create an outline for the page and heading levels are not skipped. 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 (11) Buttons 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. 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. [id] attributes on the page are unique The value of an id attribute must be unique to prevent other instances from being overlooked by 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

Learn more.

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. Links 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. 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 (<1i>) are contained within <u1> or <o1> parent elements Screen readers require list items (') to be contained within a parent '' or '' to be announced properly. Learn more. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not 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. Not applicable (23) [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-*] attributes match their roles Each ARIA 'role' supports a specific subset of 'aria-*' attributes. Mismatching these invalidates the 'aria-*' attributes. 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.

(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. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers such as who is taking, what they're saying, and other non-speech information. Learn more [aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers achieved and saying and attributes are not properly marked up, screen readers may produce confusing or inaccurate output. 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. 4 audio> elements contain a <pre></pre>	[role] values are valid	^
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. <audio> elements contain a <track/> element with [kind="captions"] Captions make audio elements usable for deaf or hearing-impaired users, providing critical information such as who is talking, what they're saying, and other non-speech information. Learn more. <adhref="text-align: learn="" more"=""></adhref="text-align:></audio>	ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn more</u> .	
[aria-*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. <audio> elements contain a <track/> element with [kind="captions"]</audio>	[aria-*] attributes have valid values	^
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Captions make audio elements usable for deaf or hearing-impaired users, providing critical information such as who is talking, what they're saying, and other non-speech information. Learn more. '</td><td>Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more.</td><td></td></tr><tr><td>talking, what they're saying, and other non-speech information. Learn more. <ad1>'s contain only properly-ordered <dt> and <dd> groups, <script> or <template> elements. A When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn more. Definition list items are wrapped in <d1> elements Definition list items (<dt> and '<dd>) must be wrapped in a parent '<dlo element to ensure that screen readers can properly announce them. Learn more.</p> <frame> or <iframe> elements have a title Screen reader users rely on frame titles to describe the contents of frames. 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 elements avoid using 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 <</object>	<pre><audio> elements contain a <track/> element with [kind="captions"]</audio></pre>	^
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</dl>		
Definition list items are wrapped in <d1> 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. <frame/> or <iframe> elements have a title Screen reader users rely on frame titles to describe the contents of frames. 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 elements avoid using ^ Presentational elements avoid using ^ caption> or the [summary] attribute. ^ A table being used for layout purposes should not include data elements, such as the thor 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"/></iframe></dl></dd></dt></d1>	<pre><dl>'s contain only properly-ordered <dt> and <dd> groups, <script> or <template> elements.</pre></td><td>^</td></tr><tr><td>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. <frame> or <iframe> or <iframe> elements have a title A Screen reader users rely on frame titles to describe the contents of frames. 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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. <u>Learn more</u>.

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

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

> 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. <u>Learn more</u>.

[lang] attributes have a valid value

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn</u> 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. <u>Learn more</u>.



Best Practices

▲ Links to cross-origin destinations are unsafe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. <u>Learn more</u>.

Show 3rd party resources (23)

URL	Target	Rel
/wiki/Dave_Brubeck (en.wikipedia.org)	_blank	
/wiki/Paul_Desmond (en.wikipedia.org)	_blank	
/wiki/Bob_Bates_(musician) (en.wikipedia.org)	_blank	
/wiki/Joe_Dodge (en.wikipedia.org)	_blank	
/wiki/Ron_Crotty (en.wikipedia.org)	_blank	
/kgs/CLMAFQ (g.co)	_blank	

	URL	Targe	et Rel
	/wiki/Joe_Morello (en.wikipedia.org)	_blar	nk
	/wiki/Norman_Bates_(musician) (en.wikipedia.org)	_blar	nk
	/wiki/Eugene_Wright (en.wikipedia.org)	_blar	nk
	/wiki/Gerry_Mulligan (en.wikipedia.org)	_blar	nk
	/wiki/Jack_Six (en.wikipedia.org)	_blar	nk
	/wiki/Alan_Dawson (en.wikipedia.org)	_blar	nk
	/wiki/Darius_Brubeck (en.wikipedia.org)	_blar	nk
	/wiki/Chris_Brubeck (en.wikipedia.org)	_blar	nk
	/about-dan.html (www.danbrubeck.com)	_blar	nk
	/wiki/Bobby_Militello (en.wikipedia.org)	_blar	nk
	/wiki/Alec_Dankworth (en.wikipedia.org)	_blar	nk
	/wiki/Michael_Moore_(bassist) (en.wikipedia.org)	_blar	nk
	/wiki/Randy_Jones_(drummer) (en.wikipedia.org)	_blar	nk
	/DaveBrubeckMusic/ (www.facebook.com)	_blar	nk
	/thedavebrubeck?lang=en (twitter.com)	_blar	nk
	/thedavebrubeck/?hl=en (www.instagram.com)	_blar	nk
	/artist/3kUKwTJdH (open.spotify.com)	_blar	nk
A	Displays images with incorrect aspect ratio		^
	Image display dimensions should match natural aspect ratio. <u>Learn more</u> .		
	Show 3rd-party resources (0)		-party resources (0)
	URL	Aspect Ratio (Displayed)	Aspect Ratio (Actual)
	images/hero-bg-1.jpg (8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-us02.gitpod.io)	809 x 305 (2.65)	800 x 475 (1.68)
Pas	ssed audits (13)		^
	Avoids Application Cache		^
	Application Cache is deprecated. <u>Learn more</u> .		
	Uses HTTPS		^

All sites should be protected with HTTPS, even ones that don't handle sensitive data. 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. <u>Learn more</u>.

Uses HTTP/2 for its own resources	
HTTP/2 offers many benefits over HTTP/1.1, including bina	ary headers, multiplexing, and server push. Learn more.
Uses 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
Avoids document.write()	
For users on slow connections, external scripts dynamical seconds. Learn more.	y injected via `document.write()` can delay page load by tens of
Avoids requesting the geolocation permission on page lo	pad
Users are mistrustful of or confused by sites that request t action instead. Learn more.	heir location without context. Consider tying the request to a use
Page has the HTML doctype	
Specifying a doctype prevents the browser from switching	to quirks-mode. <u>Learn more</u> .
Avoids front-end JavaScript libraries with known security	vulnerabilities
Some third-party scripts may contain known security vulne Learn more.	erabilities that are easily identified and exploited by attackers.
Detected JavaScript libraries	
All front-end JavaScript libraries detected on the page. Lea	arn more.
Name	Version
Bootstrap	4.4.1
jQuery	3.4.1
jQuery (Fast path)	
Avoids requesting the notification permission on page lo	ad
Users are mistrustful of or confused by sites that request t to user gestures instead. <u>Learn more</u> .	o send notifications without context. Consider tying the request
Avoids deprecated APIs	
Deprecated APIs will eventually be removed from the brow	ser. <u>Learn more</u> .
Allows users to paste into password fields	
Preventing password pasting undermines good security po	olicy. <u>Learn more</u> .
r reventing password pasting undermines good security po	
No browser errors logged to the console	



SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. <u>Learn more</u>.

Content Best Practices - Format your HTML in a way that enables crawlers to better understand your app's content.

00	ment beet i radioco i i offinat your firms in a way that offables of amore to better and retain app o content.	
A	Document does not have a meta description	^
	Meta descriptions may be included in search results to concisely summarize page content. <u>Learn more</u> .	
	ditional items to manually check (1) — Run these additional validators on your site to check additional SEO best actices.	^
	Structured data is valid	^
	Run the <u>Structured Data Testing Tool</u> and the <u>Structured Data Linter</u> to validate structured data. <u>Learn more</u> .	
Pa	ssed audits (8)	^
	Has a <meta name="viewport"/> tag with width or initial-scale	^
	Add a ` <meta name="viewport"/> ` tag to optimize your app for mobile screens. <u>Learn more</u> .	
	Document has a <title> element</td><td>^</td></tr><tr><td></td><td>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. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>Page has successful HTTP status code</td><td>^</td></tr><tr><td></td><td>Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more.</td><td></td></tr><tr><td></td><td>Links have descriptive text</td><td>^</td></tr><tr><td></td><td>Descriptive link text helps search engines understand your content. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>Page isn't blocked from indexing</td><td>^</td></tr><tr><td></td><td>Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more</td><td><u>ə</u>.</td></tr><tr><td></td><td>Image elements have [alt] attributes</td><td>^</td></tr><tr><td></td><td>Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty a attribute. <u>Learn more</u>.</td><td>lt</td></tr></tbody></table></title>	

Document has a valid hreflang

hreflang links tell search engines what version of a page they should list in search results for a given language or region. <u>Learn more</u>.

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more.

Not applicable (4)

robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. <u>Learn more</u>.

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. Learn more.

Document uses legible font sizes

Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to have >60% of page text $\ge 12px$. Learn more.

Tap targets are sized appropriately

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn more</u>.



Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Fast and reliable

Page load is fast enough on mobile networks

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. 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. <u>Learn more</u>.

▲ 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. <u>Learn more</u>.

▲ 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. <u>Learn</u> 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. <u>Learn more</u>.

▲ 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. <u>Learn</u> 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. <u>Learn more</u>.

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. <u>Learn more</u>.

▲ Does not provide 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. <u>Learn More</u>.

Additional items to manually check (3) — These checks are required by the baseline <u>PWA Checklist</u> 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. <u>Learn more</u>.

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://8000-f4b3ce55-1946-4210-88b8-76612e06a169.ws-

us02.gitpod.io/members.html

Fetch time Jul 19, 2020, 10:11 PM EDT

Device Emulated Desktop

Network throttling 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)

CPU throttling 4x slowdown (Simulated)

User agent (host) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/80.0.3987.132 Safari/537.36

User agent (network) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 1246

Generated by Lighthouse 5.7.0 | File an issue