





Performance

Metrics			=
First Contentful Paint	1.3 s	First Meaningful Paint	1.3 s
Speed Index	1.4 s	First CPU Idle	2.1 s
Time to Interactive	2.1 s	Max Potential First Input Delay	80 ms

View Trace

Values are estimated and may vary. The performance score is based only on these metrics.



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

Opportunity

Preconnect to required origins

O.5 s

Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins.

Consider adding preconnect or dis-prefetch resource hints to establish early connections to important third-party origins.

<u>Learn more.</u>

URL Potential Savings
https://apis.google.com 500 ms

https://ssl.google-analytics.com 360 ms

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

▲ Serve static assets with an efficient cache policy — 18 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/texture.png (todolistme.net)	None	130 KB
/javascript/javascript_e.js (todolistme.net)	None	10 KB
/javascript/lists.js (todolistme.net)	None	10 KB
/css/style_g.css (todolistme.net)	None	7 KB
/images/tick.png (todolistme.net)	None	6 KB
/images/undo.png (todolistme.net)	None	2 KB
/javascript/lib.js (todolistme.net)	None	1 KB
/images/top_sync.png (todolistme.net)	None	1 KB
/images/purge.png (todolistme.net)	None	1 KB
/images/arrow_down.png (todolistme.net)	None	1 KB
/images/top_new_window.png (todolistme.net)	None	1 KB
/images/print.png (todolistme.net)	None	1 KB
/images/top_not_saved.png (todolistme.net)	None	1 KB
/images/addlist.png (todolistme.net)	None	0 KB
/images/info.png (todolistme.net)	None	0 KB
/images/adddivider.png (todolistme.net)	None	0 KB
/images/sort_order.png (todolistme.net)	None	0 KB
/ga.js (ssl.google-analytics.com)	2 h	17 KB

Minimize Critical Requests Depth — 11 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: 1,440 ms

Initial Navigation

https://todolistme.net

```
/css/style_g.css (todolistme.net) - 240 ms, 7.04 KB
/javascript/lists.js (todolistme.net) - 450 ms, 9.65 KB
/javascript/lib.js (todolistme.net) - 230 ms, 1.45 KB
/javascript/javascript_e.js (todolistme.net) - 460 ms, 9.86 KB
/css?family=Abel|Architects+Daughter (fonts.googleapis.com) - 0 ms, 0 KB
...smoothness/jquery-ui.css (code.jquery.com) - 0 ms, 0 KB
```

/pagead/show_ads.js (pagead2.googlesyndication.com) - 0 ms, 0 KB

/widgets.js (platform.twitter.com) - 0 ms, 0 KB

/en_US/all.js (connect.facebook.net) - 0 ms, 0 KB

/jquery-2.2.4.min.js (code.jquery.com) - 0 ms, 0 KB

...1.12.1/jquery-ui.js (code.jquery.com) - 0 ms, 0 KB

Keep request counts low and transfer sizes small $\,$ - 32 requests • 294 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	32	294 KB
Image	14	143 KB
Script	12	139 KB
Stylesheet	3	7 KB
Document	3	5 KB
Media	0	0 KB
Font	0	0 KB
Other	0	0 KB
Third-party	14	119 KB

Third-Party Usage — 6 Third-Parties Found

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>.

Third-Party	Size	Main Thread Time
Other Google APIs/SDKs	102 KB	186 ms
Google Analytics	17 KB	46 ms
<u>jQuery CDN</u>	0 KB	0 ms
Google/Doubleclick Ads	0 KB	0 ms
Twitter	0 KB	0 ms
Facebook	0 KB	0 ms

Passed audits (19)

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>.

Properly size images

Serve images that are appropriately-sized to save cellular data and improve load time. <u>Learn more</u>.

Defer offscreen images		
Consider lazy-loading offscreen and hidden images after all critical resources have finished load interactive. <u>Learn more</u> .	ding to lower time t	0
Minify CSS		
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> .		
Minify JavaScript		
Minifying JavaScript files can reduce payload sizes and script parse time. <u>Learn more</u> .		
Remove unused CSS — Potential savings of 4 KB		
Remove dead rules from stylesheets and defer the loading of CSS not used for above-the-fold cunnecessary bytes consumed by network activity. <u>Learn more</u> .	content to reduce	
	Show 3rd-party re	sources (0
URL	Size	Potent Savin
/css/style_g.css (todolistme.net)	7 KB	4 KI
Efficiently encode images		
Optimized images load faster and consume less cellular data. <u>Learn more</u> .		
Serve images in next-gen formats — Potential savings of 89 KB		
Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression than PN faster downloads and less data consumption. <u>Learn more</u> .	NG or JPEG, which	means
	Show 3rd party re	sources (0
URL	Size	Potent Savin
/images/texture.png (todolistme.net)	129 KB	89 K
Enable text compression		
Text-based resources should be served with compression (gzip, deflate or brotli) to minimize tot more.	al network bytes. <u>L</u>	<u>-earn</u>
Server response times are low (TTFB) — Root document took 370 ms		
Time To First Byte identifies the time at which your server sends a response. <u>Learn more</u> .		
Avoid multiple page redirects		
Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> .		
Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> . Preload key requests		

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 294 KB

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

✓ Show 3rd-party resources (4)

URL	Size
/images/texture.png (todolistme.net)	130 KB
rs=AGLTcCOaA/cb=gapi.loaded_0 (apis.google.com)	49 KB
rs=AGLTcCOaA/cb=gapi.loaded_1 (apis.google.com)	34 KB
/js/plusone.js (apis.google.com)	18 KB
/ga.js (ssl.google-analytics.com)	17 KB
/javascript/javascript_e.js (todolistme.net)	10 KB
/javascript/lists.js (todolistme.net)	10 KB
/css/style_g.css (todolistme.net)	7 KB
/images/tick.png (todolistme.net)	6 KB
https://todolistme.net	4 KB

Browser engineers recommend pages contain fewer than \sim 1,500 DOM elements. The sweet spot is a tree depth < 32 elements and fewer than 60 children/parent element. A large DOM can increase memory usage, cause longer <u>style</u> <u>calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn more</u>.

Statistic	Element	Value
Total DOM Elements		177
Maximum DOM Depth	<pre></pre>	10
Maximum Child Elements	 body>	12

User Timing marks and measures

Avoids an excessive DOM size — 177 elements

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 (2)

URL Total CPU Script Evaluation

Script Parse

a#sort1

a#sort2

URL	Total CPU Time	Script Evaluation	Script Parse
Other	211 ms	6 ms	1 ms
rs=AGLTcCOaA/cb=gapi.loaded_0 (apis.google.com)	98 ms	94 ms	4 ms
/js/plusone.js (apis.google.com)	85 ms	79 ms	4 ms
Minimizes main-thread work — 0.5 s			^

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

Category	Time Spent
Script Evaluation	230 ms
Other	134 ms
Parse HTML & CSS	33 ms
Rendering	25 ms
Script Parsing & Compilation	20 ms
Style & Layout	17 ms
Garbage Collection	3 ms
All text remains visible during webfont loads	^
Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. <u>Learn more</u> .	



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

a#sort0

Failing Elements

	a#sort3	
	h3#tomorrowtitle	
	h3#latertitle	
	p	
	a.twitter-share-button	
	p	
	a	
	a	
	a	
	a	
	a	
	a	
	a	
	a	
	The value of an id attribute must be unique to prevent other instances from being overlooked by assistive technologies. Learn more. Failing Elements span#later_number	
	mes and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance experience for users of assistive technology, like a screen reader.	
A	<frame/> or <iframe> elements do not have a title</iframe>	^
	Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more</u> .	
	Failing Elements	
	iframe#I0_1577538549140	
A	Image elements do not have [alt] attributes	^
	Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more</u> .	
	Failing Elements	

Failing Elements

	img#logotick	
	img	
	img	
	img#sortbutton	
	img	
	img	
	ernationalization and localization — These are opportunities to improve the interpretation of your content by users in erent locales.	
A	<html> element does not have a [lang] attribute</html>	^
	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. <u>Learn more</u> .	
	Failing Elements	
	html	
mo	ditional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn re in our guide on conducting an accessibility review.	
mo		
mo	re in our guide on <u>conducting an accessibility review</u> .	
mo	re in our guide on <u>conducting an accessibility review</u> . The page has a logical tab order	
mo	Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more.	
mo	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	
mo	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.	^
mo	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	^
mo	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.	^
mo	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	^
mo	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.	^
mo	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	^ ^
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mo	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	^

	Visual order on the page follows DOM order	^
	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	
	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.</nav></main>	y .
Pa	assed audits (4)	^
	The page contains a heading, skip link, or landmark region	^
	Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. <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>Links have a discernible name</td><td>^</td></tr><tr><td></td><td>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. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>No element has a [tabindex] value greater than 0</td><td>^</td></tr><tr><td></td><td>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>.</td><td></td></tr><tr><td>No</td><td>ot applicable (26)</td><td>^</td></tr><tr><td></td><td>[accesskey] values are unique</td><td>^</td></tr><tr><td></td><td>Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more</td><td><u>ə</u>.</td></tr><tr><td></td><td>[aria-*] attributes match their roles</td><td>^</td></tr><tr><td></td><td>Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. Learn more.</td><td>1</td></tr><tr><td></td><td>[role]s have all required [aria-*] attributes</td><td>^</td></tr><tr><td></td><td>Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>Elements with [role] that require specific children [role]s, are present</td><td>^</td></tr><tr><td></td><td>Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>[role]s are contained by their required parent element</td><td>^</td></tr></tbody></table></title>	

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. <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. 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. <dl>'s contain only properly-ordered <dt> and <dd> groups, <script> or <template> 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. <html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. 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 , <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. 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.

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. <u>Learn more</u>.

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

<object> elements have [alt] text

Screen readers cannot translate non-text content. Adding all text to `<object>` elements helps screen readers convey meaning to users. <u>Learn more</u>.

Cells in a element that use the [headers] attribute only refer to other cells of that 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 more</u>.

<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

▲ Does not use HTTPS — 7 insecure requests found

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>.

Show 3rd party resources (7)

Insecure URL

Insecure URL

/css?family=AbellArchitects+Daughter (fonts.googleapis.com)

...smoothness/jquery-ui.css (code.jquery.com)

/pagead/show_ads.js (pagead2.googlesyndication.com)

/widgets.js (platform.twitter.com)

/en_US/all.js (connect.facebook.net)

/jquery-2.2.4.min.js (code.jquery.com)

...1.12.1/jquery-ui.js (code.jquery.com)

Browser errors were logged to the console

https://todolistme.net

https://todolistme.net

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns.

Show 3rd-party resources (0)

URL Description

Mixed Content: The page at 'https://todolistme.net/' was loaded over HTTPS, but requested an insecure stylesheet 'http://fonts.googleapis.com/css?family=Abel|Architects+Daughter'. https://todolistme.net

This request has been blocked; the content must be served over

HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded over HTTPS, but requested an insecure stylesheet https://todolistme.net 'http://code.jquery.com/ui/1.10.3/themes/smoothness/jquery-

ui.css'. This request has been blocked; the content must be served over HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded over HTTPS, but requested an insecure script https://todolistme.net

'http://pagead2.googlesyndication.com/pagead/show_ads.js'. This request has been blocked; the content must be served over HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded https://todolistme.net

over HTTPS, but requested an insecure script

'http://platform.twitter.com/widgets.js'. This request has been blocked; the content must be served over HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded https://todolistme.net

over HTTPS, but requested an insecure script 'http://connect.facebook.net/en_US/all.js'. This request has been

blocked; the content must be served over HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded https://todolistme.net

over HTTPS, but requested an insecure script 'http://code.jquery.com/jquery-2.2.4.min.js'. This request has been blocked; the content must be served over HTTPS.

Mixed Content: The page at 'https://todolistme.net/' was loaded over HTTPS, but requested an insecure script 'http://code.jquery.com/ui/1.12.1/jquery-ui.js'. This request has been blocked; the content must be served over HTTPS. https://todolistme.net

Mixed Content: The page at 'https://todolistme.net/' was loaded

over HTTPS, but requested an insecure stylesheet

'http://fonts.googleapis.com/css?family=Abel|Architects+Daughter'.

This request has been blocked; the content must be served over

Mixed Content: The page at 'https://todolistme.net/' was loaded

over HTTPS, but requested an insecure stylesheet 'http://code.jquery.com/ui/1.10.3/themes/smoothness/jquery ui.css'. This request has been blocked; the content must b

This request has been blocked; the content must be served

over HTTPS.

ReferenceError: \$ is not defined at new UndoAgent (https://todolistme.net/javascript/javascript_e.js:6:5068) at /javascript/javascript e.js (todolistme.net) https://todolistme.net/javascript/javascript e.js:6:163

12/16

URL Description

/javascript/javascript_e.js (todolistme.net)

ReferenceError: \$ is not defined at launch
(https://todolistme.net/javascript/javascript_e.js:6:31489) at
https://todolistme.net/:254:2

assed audits (13)	
Avoids Application Cache	
Application Cache is deprecated. <u>Learn more</u> .	
Uses HTTP/2 for its own resources	
HTTP/2 offers many benefits over HTTP/1.1, including binary headers, multiplexing, and server push. <u>Learn m</u>	nore.
Uses passive listeners to improve scrolling performance	
Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance	e. <u>Learn mor</u>
Avoids document.write()	
For users on slow connections, external scripts dynamically injected via `document.write()` can delay page los seconds. <u>Learn more</u> .	ad by tens of
Links to cross-origin destinations are safe	
Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security volume.	ulnerabilities.
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 requaction instead. <u>Learn more</u> .	uest to a use
Page has the HTML doctype	
Specifying a doctype prevents the browser from switching to quirks-mode. Read more on the MDN Web Docs	<u>page</u>
Avoids front-end JavaScript libraries with known security vulnerabilities	
Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by a Learn more.	attackers.
Detected JavaScript libraries	
All front-end JavaScript libraries detected on the page.	
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 tuser gestures instead. <u>Learn more</u> .	the request to
Avoids deprecated APIs	
Deprecated APIs will eventually be removed from the browser. <u>Learn more</u> .	
Allows users to paste into password fields	
Preventing password pasting undermines good security policy. <u>Learn more</u> .	

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. Learn more.



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>.

Mobile Friendly — Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. <u>Learn more</u>.

▲ Does not have a <meta name="viewport"> tag with width or initial-scale No viewport meta tag found

Add a viewport meta tag to optimize your app for mobile screens. Learn more.

Document doesn't use legible font sizes

Text is illegible because there's no viewport meta tag optimized for mobile screens.

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 not sized appropriately

Tap targets are too small because there's no viewport meta tag optimized for mobile screens

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>.

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

▲ Image elements do not have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more</u>.

Failing Elements

img#logotick

img

img

img#sortbutton

img

img

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.

	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 (7)	^
	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>Document has a meta description</td><td>^</td></tr><tr><td></td><td>Meta descriptions may be included in search results to concisely summarize page content. <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. <u>Learn more</u>.</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. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td>Document has a valid hreflang</td><td>^</td></tr><tr><td></td><td>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>.</td><td></td></tr><tr><td></td><td>Document avoids plugins</td><td>^</td></tr><tr><td></td><td>Search engines can't index plugin content, and many devices restrict plugins or don't support them. <u>Learn more</u>.</td><td></td></tr><tr><td>No</td><td>t applicable (2)</td><td>^</td></tr><tr><td></td><td>robots.txt is valid</td><td>^</td></tr><tr><td></td><td>If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed.</td><td></td></tr><tr><td></td><td>Document has a valid rel=canonical</td><td>^</td></tr><tr><td></td><td>Canonical links suggest which URL to show in search results. <u>Learn more</u>.</td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table></title>	

Runtime Settings

URL

https://todolistme.net/

Fetch time Dec 28, 2019, 1:08 PM GMT

Device Emulated Nexus 5X

Network throttling Provided by environment

CPU throttling Provided by environment

User agent (host) Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko)

Chrome/78.0.3904.108 Safari/537.36

User agent (network) Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36

(KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-

Lighthouse

CPU/Memory Power 427

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