GTmetrix
The web should be fast.

Performance Report for:
https://agilmindset.com/

Report generated:	Mon, Dec 23, 2019 10:06 PM -0200
Test Server Region:	🇧🇷 São Paulo, Brazil
Using:	Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.2, YSlow 3.1.8
Connection:	Broadband Fast (20/5 Mbps, 25ms)

PageSpeed Score	YSlow Score		Fully Loaded Time	Total Page Size	Requests
B(85%) ︿	**B(88%)** ︿		1.4s ︿	337KB ︿	23 ︿

Top 5 Priority Issues

Enable Keep-Alive	F (0)	❤ AVG SCORE: 98%	SERVER	HIGH
Avoid bad requests	A (92)	❤ AVG SCORE: 98%	CONTENT	HIGH
Specify image dimensions	A (98)	◆ AVG SCORE: 98%	IMAGES	MEDIUM
Minify HTML	A (99)	◆ AVG SCORE: 98%	CONTENT	LOW
Minify CSS	A (99)	◆ AVG SCORE: 96%	CSS	HIGH

How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer

GT.net
Performance Hosting

GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 23 years experience in web technology.

https://gt.net/

What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.
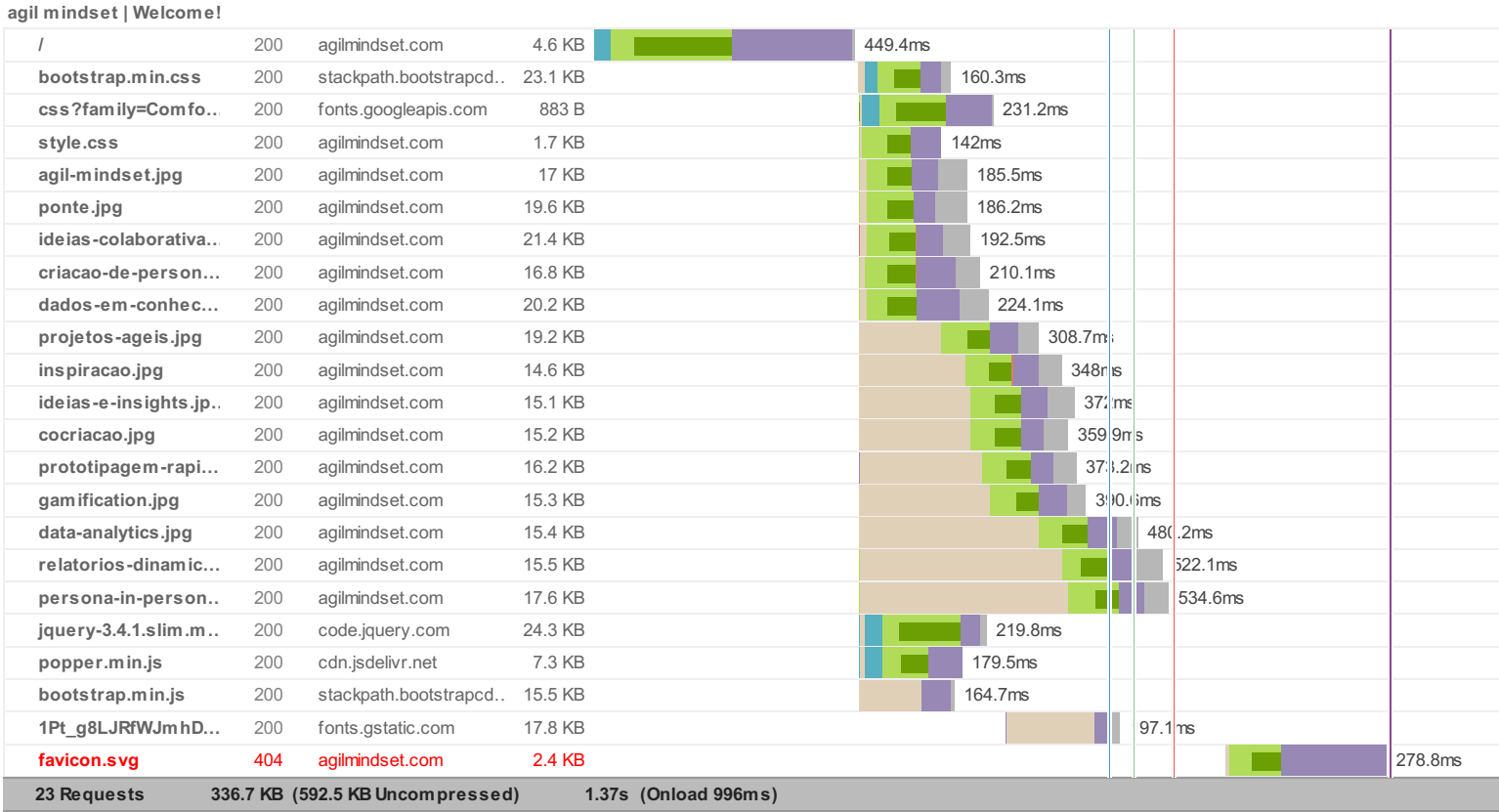
What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

Waterfall Chart

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

agil mindset | Welcome!

/	200	agilmindset.com	4.6 KB		449.4ms
bootstrap.min.css	200	stackpath.bootstrapcd..	23.1 KB		160.3ms
css?family=Comfo..	200	fonts.googleapis.com	883 B		231.2ms
style.css	200	agilmindset.com	1.7 KB		142ms
agil-mindset.jpg	200	agilmindset.com	17 KB		185.5ms
ponte.jpg	200	agilmindset.com	19.6 KB		186.2ms
ideias-colaborativa..	200	agilmindset.com	21.4 KB		192.5ms
criacao-de-person..	200	agilmindset.com	16.8 KB		210.1ms
dados-em-conhec..	200	agilmindset.com	20.2 KB		224.1ms
projetos-ageis.jpg	200	agilmindset.com	19.2 KB		308.7ms
inspiracao.jpg	200	agilmindset.com	14.6 KB		348ms
ideias-e-insights.jp..	200	agilmindset.com	15.1 KB		372ms
cocriacao.jpg	200	agilmindset.com	15.2 KB		359.9ms
prototipagem-rapi..	200	agilmindset.com	16.2 KB		373.2ms
gamification.jpg	200	agilmindset.com	15.3 KB		390.6ms
data-analytics.jpg	200	agilmindset.com	15.4 KB		480.2ms
relatorios-dinamic..	200	agilmindset.com	15.5 KB		522.1ms
persona-in-person..	200	agilmindset.com	17.6 KB		534.6ms
jquery-3.4.1.slim.m..	200	code.jquery.com	24.3 KB		219.8ms
popper.min.js	200	cdn.jsdelivr.net	7.3 KB		179.5ms
bootstrap.min.js	200	stackpath.bootstrapcd..	15.5 KB		164.7ms
1Pt_g8LJRfWJmhD..	200	fonts.gstatic.com	17.8 KB		97.1ms
favicon.svg	404	agilmindset.com	2.4 KB		278.8ms

23 Requests	336.7 KB (592.5 KB Uncompressed)	1.37s (Onload 996ms)

Page Load Timings

RUM Speed Index: 927

Redirect 0ms	Connect 237ms	Backend 207ms	TTFB 444ms
DOM int. 0.9s	DOM loaded 0.9s (0ms)	First paint 0.9s	Contentful paint 0.9s
Onload 1.0s (5ms)			

Redirect duration
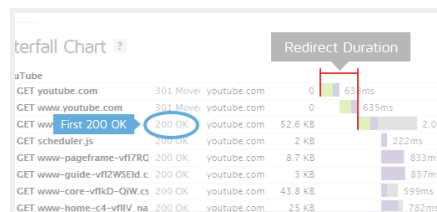
This is the time spent redirecting URLs before the final HTML page is loaded. Common redirects include:

- Redirect from a non-www to www (eg. example.com to www.example.com)
- Redirect to a secure URL (eg. http:// to https://)
- Redirect to set cookies
- Redirect to a mobile version of the site

Some sites may even perform a chain of multiple redirects (eg. non-www to www, then to a secure URL). This timing is the total of all this time that's spent redirecting, or 0 if no redirects occurred.

In the Waterfall Chart, Redirect duration consists of the time from the beginning of the test until just before we start the request of the final HTML page (when we receive the first 200 OK response).

During this time, the browser screen is blank! Ensure that this duration is kept to short by minimizing your redirects.

Connection duration
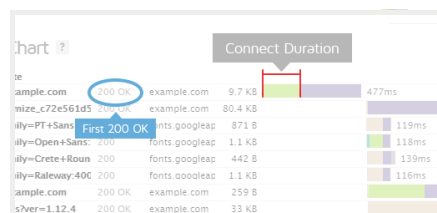
Once any redirects have completed, Connection duration is measured. This is the time spent connecting to the server to make the request to the page.

Technically speaking, this duration is a combination of the blocked time, DNS time, connect time and sending time of the request (rather than *just* connect time). We've combined those components into a single Connection duration to simplify things (as most of these times are usually small).

In the Waterfall Chart, Connection duration consists of everything up to and including the "Sending" time in the final HTML page request (the first 200 OK response).

During this time, the browser screen is still blank! Various causes could contribute to this, including a slow/problematic connection between the test server and site or slow response times from the site.
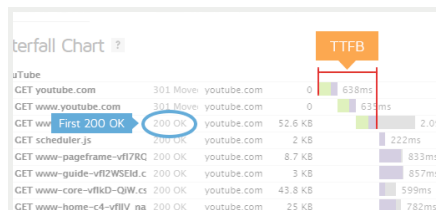
Backend duration
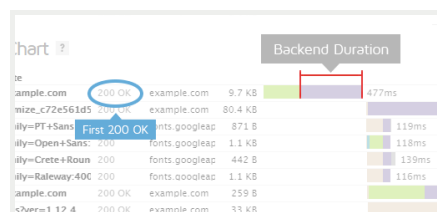
Once the connection is complete and the request is made, the server needs to generate a response for the page. The time it takes to generate the response is known as the Backend duration.

In the Waterfall Chart, Backend duration consists of purple waiting time in the page request.

There are a number of reasons why Backend duration could be slow. We cover this is our "Why is my page slow" article.

Time to First Byte (TTFB)

Time to First Byte (TTFB) is the total amount of time spent to receive the first byte of the response once it has been requested. It is the sum of "Redirect duration" + "Connection duration" + "Backend duration". This metric is one of the key indicators of web performance.

In the Waterfall Chart, it is calculated at the start of the test until just before receiving on the page request and represented by the orange line.

Some ways to improve the TTFB include: optimizing application code, implementing caching, fine-tuning your web server configuration, or upgrading server hardware.

DOM interactive time
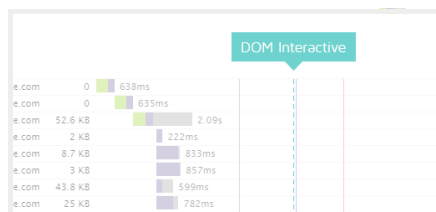
DOM interactive time is the point at which the browser has finished loading and parsing HTML, and the DOM (Document Object Model) has been built. The DOM is how the browser internally structures the HTML so that it can render it.

DOM interactive time isn't marked in the Waterfall Chart as it's usually very close in timing to DOM content loaded.

DOM content loaded time
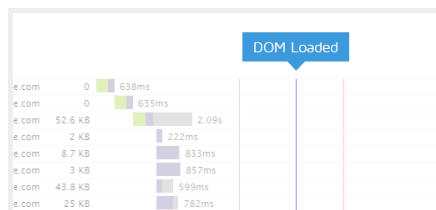
DOM content loaded time (DOM loaded or DOM ready for short) is the point at which the DOM is ready (ie. DOM interactive) and there are no stylesheets blocking JavaScript execution.

If there are no stylesheets blocking JavaScript execution and there is no parser blocking JavaScript, then this will be the same as DOM interactive time.

In the Waterfall Chart, it is represented by the blue line.

The time in brackets is the time spent executing JavaScript triggered by the DOM content loaded event. Many JavaScript frameworks use this event as a starting point to begin execution of their code.

Since this event is often used by JavaScript as the starting point and delays in this event mean delays in rendering, it's important to make sure that style and script order is optimized and that parsing of JavaScript is deferred.

First paint time
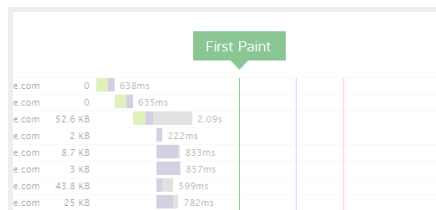
First paint time is the first point at which the browser does any sort of rendering on the page. Depending on the structure of the page, this first paint could just be displaying the background colour (including white), or it could be a majority of the page being rendered.

In the Waterfall Chart, it is represented by the green line.

This timing is of significance because until this point, the browser will have only shown a blank page and this change gives the user an indication that the page is loading. However, we don't know how much of the page was rendered with this paint, so having a early first paint doesn't necessarily indicate a fast loading page.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

## First contentful paint time
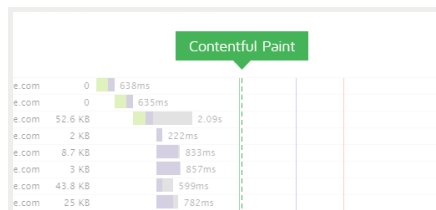
First Contentful Paint is triggered when any *content* is painted - i.e. something defined in the DOM (Document Object Model). This could be text, an image or canvas render.

This timing aims to be more representative of your user's experience, as it flags when actual content has been loaded in the page, and not just any change - but it may often be the same time as First Paint.

Because the focus is on content, the idea is that this metric gives you an idea of when your user receives consumable information (text, visuals, etc) - much more useful for performance assessment than when a background has changed or a style has been applied.

If the browser does not perform a paint (ie. the html results in an blank page), then the paint timings may be missing.

Onload time
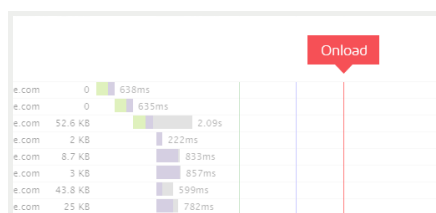
Onload time occurs when the processing of the page is complete and all the resources on the page (images, CSS, etc.) have finished downloading. This is also the same time that DOM complete occurs and the JavaScript window.onload event fires.

Note that there may be JavaScript that initiates subsequent requests for more resources, hence the reason why Fully loaded timing is preferred.

In the Waterfall Chart, it is represented by the red line.

The time in brackets is the time spent executing JavaScript triggered by the Onload event.

Note that Onload time was the previous default for when to stop the test prior to Feburary 8th, 2017.

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable Keep-Alive	F (0)	❤ AVG SCORE: 98%	SERVER	HIGH

The host agilmindset.com should enable Keep-Alive. It serves the following resources.

- https://agilmindset.com/
- https://agilmindset.com/assets/css/style.css
- https://agilmindset.com/assets/img/agil-mindset.jpg
- https://agilmindset.com/assets/img/cocriacao.jpg
- https://agilmindset.com/assets/img/criacao-de-personas.jpg
- https://agilmindset.com/assets/img/dados-em-conhecimento.jpg
- https://agilmindset.com/assets/img/data-analytics.jpg
- https://agilmindset.com/assets/img/favicon.svg
- https://agilmindset.com/assets/img/gamification.jpg
- https://agilmindset.com/assets/img/ideias-colaborativas.jpg
- https://agilmindset.com/assets/img/ideias-e-insights.jpg
- https://agilmindset.com/assets/img/inspiracao.jpg
- https://agilmindset.com/assets/img/persona-in-persona.jpg
- https://agilmindset.com/assets/img/ponte.jpg
- https://agilmindset.com/assets/img/projetos-ageis.jpg
- https://agilmindset.com/assets/img/prototipagem-rapida.jpg
- https://agilmindset.com/assets/img/relatorios-dinamicos.jpg

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Avoid bad requests	A (92)	❤ AVG SCORE: 98%	CONTENT	HIGH

The following requests are returning 404/410 responses. Either fix the broken links, or remove the references to the non-existent resources.

- https://agilmindset.com/assets/img/favicon.svg

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Specify image dimensions	A (98)	◆ AVG SCORE: 98%	IMAGES	MEDIUM

The following image(s) are missing width and/or height attributes.

- https://agilmindset.com/assets/img/agil-mindset.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/cocriacao.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/criacao-de-personas.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/dados-em-conhecimento.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/data-analytics.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/gamification.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/ideias-colaborativas.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/ideias-e-insights.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/inspiracao.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/persona-in-persona.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/ponte.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/projetos-ageis.jpg (Dimensions: 480 x 480)
- https://agilmindset.com/assets/img/prototipagem-rapida.jpg (Dimensions: 480 x 320)
- https://agilmindset.com/assets/img/relatorios-dinamicos.jpg (Dimensions: 480 x 320)

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Minify HTML	A (99)	◆ AVG SCORE: 98%	CONTENT	LOW

Minify HTML for the following resources to reduce their size by 746B (17% reduction).

- Minifying https://agilmindset.com/ could save 746B (17% reduction) after compression. See optimized version.

| **Minify CSS** | A (99) | ◆ AVG SCORE: 96% | CSS | HIGH |

Minify CSS for the following resources to reduce their size by 692B (3% reduction).

- Minifying https://agilmindset.com/assets/css/style.css could save 452B (34% reduction) after compression. See optimized version.
- Minifying https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css could save 184B (1% reduction) after compression. See optimized version.
- Minifying https://fonts.googleapis.com/css?family=Comfortaa:500&display=swap could save 56B (12% reduction) after compression. See optimized version.

| **Minify JavaScript** | A (99) | ▲ AVG SCORE: 90% | JS | HIGH |

Minify JavaScript for the following resources to reduce their size by 341B (1% reduction).

- Minifying https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js could save 155B (1% reduction) after compression. See optimized version.
- Minifying https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js could save 124B (2% reduction) after compression. See optimized version.
- Minifying https://code.jquery.com/jquery-3.4.1.slim.min.js could save 62B (1% reduction) after compression. See optimized version.

| **Avoid landing page redirects** | A (100) | ◆ AVG SCORE: 98% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Defer parsing of JavaScript** | A (100) | ▲ AVG SCORE: 72% | JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Enable compression** | A (100) | ▲ AVG SCORE: 88% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Inline small CSS** | A (100) | ◆ AVG SCORE: 96% | CSS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Inline small JavaScript** | A (100) | ◆ AVG SCORE: 95% | JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Leverage browser caching** | A (100) | ▲ AVG SCORE: 63% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| **Minimize redirects** | A (100) | ▲ AVG SCORE: 88% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Minimize request size | A (100) | ◆ AVG SCORE: 96% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Optimize images | A (100) | ▲ AVG SCORE: 72% | IMAGES | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Optimize the order of styles and scripts | A (100) | ◆ AVG SCORE: 95% | CSS/JS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Put CSS in the document head | A (100) | ◆ AVG SCORE: 100% | CSS | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Serve resources from a consistent URL | A (100) | ▲ AVG SCORE: 90% | CONTENT | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Serve scaled images | A (100) | ▲ AVG SCORE: 71% | IMAGES | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Specify a cache validator | A (100) | ◆ AVG SCORE: 95% | SERVER | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Combine images using CSS sprites | A (100) | ▲ AVG SCORE: 93% | IMAGES | HIGH |

You scored 100% on this recommendation - nothing to do here!

| Avoid CSS @import | A (100) | ◆ AVG SCORE: 98% | CSS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| Prefer asynchronous resources | A (100) | ◆ AVG SCORE: 100% | JS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!
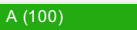
| Specify a character set early | A (100) | ◆ AVG SCORE: 100% | CONTENT | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

Avoid a character set in the meta tag	A (100)	◆ AVG SCORE: 100%	CONTENT	LOW

You scored 100% on this recommendation - nothing to do here!

Specify a Vary: Accept-Encoding header	A (100)	◆ AVG SCORE: 96%	SERVER	LOW
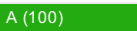
You scored 100% on this recommendation - nothing to do here!

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Use a Content Delivery Network (CDN)	F (0)	❤ AVG SCORE: 28%	SERVER	MEDIUM

Using a CDN YSlow doesn't recognize? Specify your CDNs in your User Settings.

There are 15 static components that are not on CDN.

- https://agilmindset.com/assets/css/style.css
- https://agilmindset.com/assets/img/agil-mindset.jpg
- https://agilmindset.com/assets/img/ponte.jpg
- https://agilmindset.com/assets/img/ideias-colaborativas.jpg
- https://agilmindset.com/assets/img/criacao-de-personas.jpg
- https://agilmindset.com/assets/img/dados-em-conhecimento.jpg
- https://agilmindset.com/assets/img/projetos-ageis.jpg
- https://agilmindset.com/assets/img/inspiracao.jpg
- https://agilmindset.com/assets/img/ideias-e-insights.jpg
- https://agilmindset.com/assets/img/cocriacao.jpg
- https://agilmindset.com/assets/img/prototipagem-rapida.jpg
- https://agilmindset.com/assets/img/gamification.jpg
- https://agilmindset.com/assets/img/data-analytics.jpg
- https://agilmindset.com/assets/img/relatorios-dinamicos.jpg
- https://agilmindset.com/assets/img/persona-in-persona.jpg

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	C (78)	▲ AVG SCORE: 29%	SERVER	HIGH

There are 2 static components without a far-future expiration date.

- https://fonts.googleapis.com/css?family=Comfortaa:500&display=swap
- https://code.jquery.com/jquery-3.4.1.slim.min.js

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Make fewer HTTP requests	A (96)	▲ AVG SCORE: 32%	CONTENT	HIGH

This page has 3 external stylesheets. Try combining them into one.

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Avoid HTTP 404 (Not Found) error	A (95)	◆ AVG SCORE: 98%	CONTENT	MEDIUM

There is 1 request that is 404 Not Found

- https://agilmindset.com/assets/img/favicon.svg

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Reduce DNS lookups	A (95)	▲ AVG SCORE: 71%	CONTENT	LOW

The components are split over more than 4 domains

- agilmindset.com: 17 components, 274.5K (8.0K GZip)
- stackpath.bootstrapcdn.com: 2 components, 219.5K (39.6K GZip)
- fonts.googleapis.com: 1 component, 2.0K (0.8K GZip)
- code.jquery.com: 1 component, 71.0K (24.3K GZip)
- cdn.jsdelivr.net: 1 component, 21.2K (7.5K GZip)

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Compress components	A (100)	▲ AVG SCORE: 90%	SERVER	HIGH

You scored 100% on this recommendation - nothing to do here!

| **Minify JavaScript and CSS** | A (100) | ▲ AVG SCORE: 72% | CSS/JS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| **Avoid URL redirects** | A (100) | ▲ AVG SCORE: 88% | CONTENT | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| **Make AJAX cacheable** | A (100) | ◆ AVG SCORE: 100% | JS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| **Remove duplicate JavaScript and CSS** | A (100) | ◆ AVG SCORE: 100% | CSS/JS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| **Avoid AlphaImageLoader filter** | A (100) | ◆ AVG SCORE: 99% | CSS | MEDIUM |

You scored 100% on this recommendation - nothing to do here!

| **Reduce the number of DOM elements** | A (100) | ▲ AVG SCORE: 91% | CONTENT | LOW |

You scored 100% on this recommendation - nothing to do here!

| **Use cookie-free domains** | A (100) | ▲ AVG SCORE: 55% | COOKIE | LOW |

You scored 100% on this recommendation - nothing to do here!

| **Use GET for AJAX requests** | A (100) | ◆ AVG SCORE: 100% | JS | LOW |

You scored 100% on this recommendation - nothing to do here!

| **Avoid CSS expressions** | A (100) | ◆ AVG SCORE: 100% | CSS | LOW |

You scored 100% on this recommendation - nothing to do here!

| **Reduce cookie size** | A (100) | ◆ AVG SCORE: 100% | COOKIE | LOW |

You scored 100% on this recommendation - nothing to do here!

| **Make favicon small and cacheable** | A (100) | ◆ AVG SCORE: 100% | IMAGES | LOW |

You scored 100% on this recommendation - nothing to do here!

Configure entity tags (ETags)	A (100)	◆ AVG SCORE: 95%	SERVER	LOW

You scored 100% on this recommendation - nothing to do here!

Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM

Only consider this if your property is a common user home page.