Tools and Knowledge for testing a website.

1) **Check what the website is built with:** Use Wepalyzer to check what the website is built with.
   https://www.wappalyzer.com/
     a) **E-Commerce:** If the website is built with WordPress, Drupal, Joomla, Magento, Wix, Shopify, OpenCart, PrestaShop, Woocommerce proceed to step 2
     b) **Blog/News/NGO:** If the website is built with WordPress, Medium, Blogger, Wix, Drupal, proceed to step 2

2) **Check website Performance and Structure:** Use GTMetrix to identify issues on the website
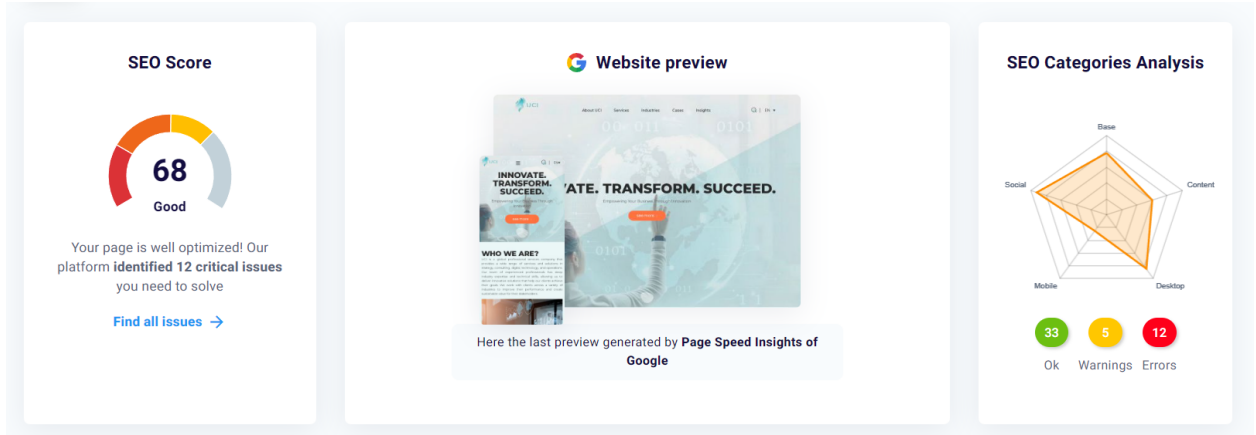   https://gtmetrix.com/ (register a free account if necessary to go over the daily unregistered limit)
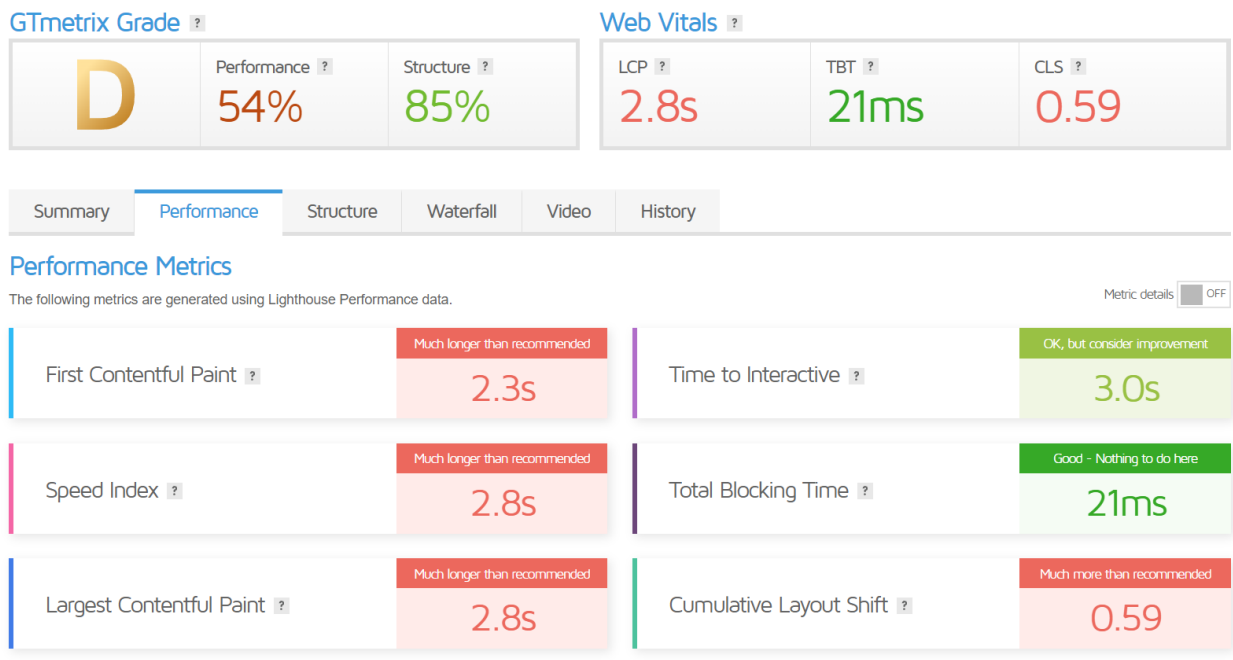
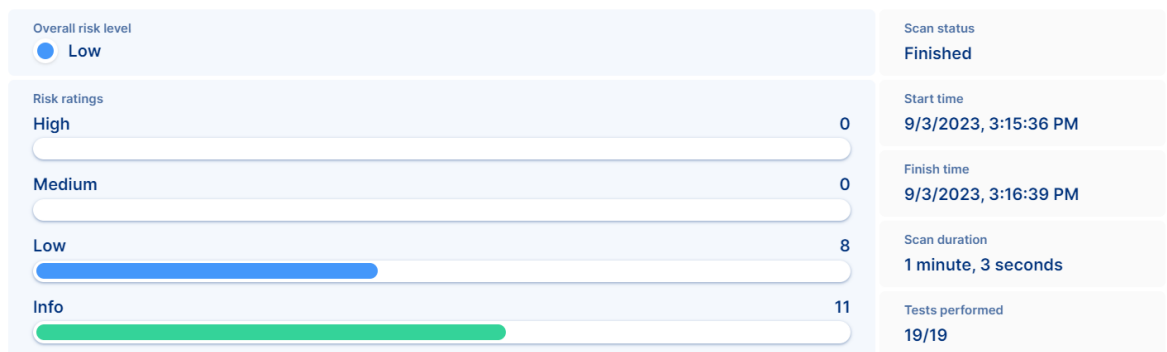Any score below 75% performance and 75% structure is considered poor.
Pay attention to First Content Paint, Largest Contentful Paint and Speed Index. These usually mean the structure of the website has problems, the content on the website is too large (e.g. the images are not optimized), the CSS and JS files are not correctly minified, and the caching overall is poor.

3) **Check SEO on the website:** Register a free account on https://suite.seotesteronline.com/ to check the SEO analysis of the website. If the score is lower than 75 there are SEO issues on the website.

SEO Score

68
Good

Your page is well optimized! Our platform **identified 12 critical issues** you need to solve

Find all issues →

G Website preview

INNOVATE. TRANSFORM. SUCCEED.

WHO WE ARE?

Here the last preview generated by **Page Speed Insights of Google**

SEO Categories Analysis

33 — Ok
5 — Warnings
12 — Errors

4) **Check the security of the website:** (note this might take up to 15 minutes) Go to https://pentest-tools.com/website-vulnerability-scanning/website-scanner and scan the website. Appearance of Medium and High risks is considered dangerous.

→ Scan summary

Overall risk level ● Low	**Scan status** Finished
Risk ratings	
High 0	**Start time** 9/3/2023, 3:15:36 PM
Medium 0	**Finish time** 9/3/2023, 3:16:39 PM
Low 8	**Scan duration** 1 minute, 3 seconds
Info 11	**Tests performed** 19/19

5) If any or all of the above apply, proceed with the next step. If you have any questions or need to consult with the VECTO team don't hesitate to contact us.