The Front-End Checklist

The Front-End Checklist Application is perfect for modern websites and meticulous developers! ★ Generated on http://frontendchecklist.io ★

Project Name
Green Complaint

Page title or URL
https://green-complaint.herokuapp.com/

Developer's name or team
Environmental Club - YLA

- 46/47 ✓ high priority
- 23/25 ✓ medium priority
- 16/16 ✓ low priority

B

HEAD

100 % Head items are ✓

- [x] **Doctype:** The Doctype is HTML5 and is at the top of all your HTML pages.
- [x] **Charset:** The charset declared (UTF-8) is declared correctly.
- [x] **Viewport:** The viewport is declared correctly.
- [x] **Title:** A title is used on all pages
- [x] **Description:** A meta description is provided, it is unique and doesn't possess more than 150 characters.
- [x] **Favicons:** Each favicon has been created and displays correctly.
- [x] **Apple Web App Meta:** Apple meta-tags are present.
- [x] **Windows Tiles:** Windows tiles are present and linked.
- [x] **Canonical:** Use rel="canonical" to avoid duplicate content.
- [x] **Language attribute:** The <code>lang</code> attribute of your website is specified and related to the language of the current page.
- [x] **Direction attribute:** The direction of lecture is specified on the html tag (It can be used on another HTML tag).
- [x] **Alternate language:** The language tag of your website is specified and related to the language of the current page.
- [x] **Conditional comments:** Conditional comments are present for IE if needed.
- [x] **RSS feed:** If your project is a blog or has articles, an RSS link was provided.
- [x] **Inline critical CSS:** The inline critical CSS is correctly injected in the HEAD.
- [x] **CSS order:** All CSS files are loaded before any JavaScript files in the HEAD
- [x] **Facebook Open Graph:**
- [x] **Twitter Card:**

HTML

100 % HTML items are ✓

- [x] **HTML5 Semantic Elements:** HTML5 Semantic Elements are used appropriately (header, section, footer, main...).
- [x] **Error pages:** Error 404 page and 5xx exist
- [x] **Noopener:** In case you are using external links with target="_blank", your link should have a rel="noopener" attribute to prevent tab nabbing. If you need to support older versions of Firefox, use rel="noopener noreferrer"
- [x] **Clean up comments:** Unnecessary code needs to be removed before sending the page to production.
- [x] **W3C compliant:** All pages need to be tested with the W3C validator to identify possible issues in the HTML code.

- [x] **HTML Lint:** I use tools to help me analyze any issues I could have on my HTML code.
- [x] **Link checker:** There are no broken links in my page, verify that you don't have any 404 error.
- [x] **Adblockers test:** Your website shows your content correctly with adblockers enabled

WEBFONTS

100 % Webfonts items are ✓

- [x] **Webfont format:** WOFF, WOFF2 and TTF are supported by all modern browsers.
- [x] **Webfont size:** Webfont sizes don't exceed 100 KB (all variants included).
- [x] **Webfont loader:** Control loading behavior with a webfont loader.

CSS

100 % CSS items are ✓

- [x] **Responsive Web Design:** The website is using responsive web design.
- [x] **CSS Print:** A print stylesheet is provided and is correct on each page.
- [x] **Unique ID:** If IDs are used, they are unique to a page.
- [x] **Reset CSS:** A CSS reset (reset, normalize or reboot) is used and up to date.
- [x] **JS prefix:** All classes (or id- used in JavaScript files) begin with js- and are not styled into the CSS files.
- [x] **Embedded or inline CSS:** Avoid at all cost embeding CSS in <style> tags or using inline CSS
- [x] **Vendor prefixes:** CSS vendor prefixes are used and are generated accordingly with your browser support compatibility.
- [x] **Concatenation:** CSS files are concatenated in a single file (Not for HTTP/2).
- [x] **Minification:** All CSS files are minified.
- [x] **Non-blocking:** CSS files need to be non-blocking to prevent the DOM from taking time to load.
- [x] **Stylelint:** All CSS or SCSS files are without any errors.
- [x] **Responsive web design:** All pages were tested with the correct breakpoints.
- [x] **CSS Validator:** The CSS was tested and pertinent errors were corrected.
- [x] **Desktop Browsers:** All pages were tested on all current desktop browsers (Safari, Firefox, Chrome, Internet Explorer, EDGE...)
- [x] **Mobile Browsers:** All pages were tested on all current mobile browsers (Native browser, Chrome, Safari...)
- [x] **OS:** All pages were tested on all current OS (Windows, Android, iOS, Mac...)
- [x] **Reading direction:** All pages need to be tested for LTR and RTL languages if they need to be supported.

JAVASCRIPT

87 % JavaScript items are ✓

- [x] **JavaScript Inline:** You don't have any JavaScript code inline (mixed with your HTML code).
- [x] **Concatenation:** JavaScript files are concatenated.
- [ ] **Minification:** JavaScript files are minified (you can add the .min suffix).
- [x] **JavaScript security:**
- [x] **noscript tag:** Use `<noscript>` tag in the HTML body if a script type on the page is unsupported or if scripting is currently turned off in the browser. This will be helpful in client-side rendering heavy apps such as React.js.
- [x] **Non-blocking:** JavaScript files are loaded asynchronously using async or deferred using defer attribute.
- [x] **Modernizr:** If you need to target some specific features you can use a custom Modernizr to add classes in your <html>

tag.

- [x] **ESLint:** No errors are flagged by ESLint (based on your configuration or standards rules).

IMAGES

100 % Images items are ✓

- [x] **Optimization:** All images are optimized to be rendered in the browser. WebP format could be used for critical pages (like Homepage)
- [x] **Picture/Srcset:** You use picture/srcset to provide the most appropriate image for the current viewport of the user.
- [x] **Retina:** You provide layout images 2x or 3x, support retina display.
- [x] **Sprite:** Small images are in a sprite file (in the case of icons, they can be in an SVG sprite image).
- [x] **Width and Height:** Set width and height attributes on <img> if the final rendered image size is known (can be omitted for CSS sizing).
- [x] **Alternative text:** All <img> have an alternative text which describe the image visually.
- [x] **Lazy loading:** Images are lazyloaded (A noscript fallback is always provided).

ACCESSIBILITY

90 % Accessibility items are ✓

- [ ] **Progressive enhancement:** Major functionality like main navigation and search should work without JavaScript enabled.
- [x] **Color contrast:** Color contrast should at least pass WCAG AA (AAA for mobile).
- [x] **H1:** All pages have an H1 which is not the title of the website.
- [x] **Headings:** Headings should be used properly and in the right order (H1 to H6).
- [x] **Specific HTML5 input types are used:** This is especially important for mobile devices that show customized keypads and widgets for different types.
- [x] **Label:** A label is associated with each input form element. In case a label can't be displayed, use aria-label instead.
- [x] **Accessibility standards testing:** Use the WAVE tool to test if your page respects the accessibility standards.
- [x] **Keyboard navigation:** Test your website using only your keyboard in a previsible order. All interactive elements are reachable and usable.
- [x] **Screen reader:** All pages were tested in two or more screen readers (such as JAWS, VoiceOver, and NVDA).
- [x] **Focus style:** If the focus is disabled, it is replaced by visible state in CSS.

PERFORMANCE

90 % Performance items are ✓

- [x] **Page weight:** The weight of each page is between 0 and 500 KB.
- [ ] **Minified HTML:** Your HTML is minified.
- [x] **Lazy loading:** Images, scripts and CSS need to be lazy loaded to improve the response time of the current page (See details in their respective sections)
- [x] **Cookie size:** If you are using cookies be sure each cookie doesn't exceed 4096 bytes and your domain name doesn't have more than 20 cookies.
- [x] **Third party components:**
- [x] **DNS resolution:** DNS of third-party services that may be needed are resolved in advance during idle time using dns-prefetch.
- [x] **Preconnection:** DNS lookup, TCP handshake and TLS negotiation with services that will be needed soon is done in advance during idle time using preconnect.

- [x] **Prefetching:** Resources that will be needed soon (e.g. lazy loaded images) are requested in advance during idle time using prefetch.
- [x] **Preloading:** Resources needed in the current page (e.g. scripts placed at the end of <body>) in advance using preload.
- [x] **Google PageSpeed:** All your pages were tested (not only the homepage) and have a score of at least 90/100.

SEO

100 % SEO items are ✓

- [x] **Google Analytics:** Google Analytics is installed and correctly configured.
- [x] **Headings logic:** Heading text helps to understand the content in the current page.
- [x] **sitemap.xml:** A sitemap.xml exists and was submitted to Google Search Console.
- [x] **robots.txt:** The robots.txt is not blocking webpages.
- [x] **Structured Data:** Pages using structured data are tested and are without errors. Structured data helps crawlers understand the content in the current page.
- [x] **Sitemap HTML:** An HTML sitemap is provided and is accessible via a link in the footer of your website.
- [x] **Pagination link tags:** Provide rel="prev" and rel="next" to indicate paginated content.