**[im@rk](mailto:im@rk) Errors in Coding and Templating**

The code is very bloated with a text to code ratio of roughly 12% text and 88% code this is below the minimum recommended 25% for seo best practice.

**(As per the coding standards we always avoid to have the static or hardcoded text in the site. If you see the current site they have very few content in the site itself take an example of Home page or any products pages, wherever they have content for example Portfolio as well as Blog so we are showing that on the site.)**

**Still should be the aim of any developer to ensure code is cleaned where possible. If SWD wanted to just install plugins they could have done this themselves.**

**Once you read the code carefully, you will found inline comments/text for every section to make easier to read the code for any developer.**

The template usage is poor with all the modals, css linked files, js functions for the whole site loading into the header and footer instead of being loaded on appropriate templates to suit functionality, the header and footer should only contain items for the whole site.

**(We have added all the js in the footer section as this is considered as a best practice because it has a direct impact on the loading of the site, CSS is always called in the Header section as it gives the structure to the site and this is again the standard practice)**

**I accept CSS should be in the header and js in the footer, but the point I am trying to make is that css files are loaded to the global header and footer not the page template. For example js for only the product pages should not be loaded on every other template.**

**(As we are expected that you have pretty good knowledge of the WordPress and agree with you that we can add the selective css and js as per the files but as you know the header and footer are global and whatever is entered in the footer or header will be called on the pages, and in case the you asked if we follow that then firstly the code will be so complex that no one can understand that. Also, once the site is loaded for the first time then there will be no lag on any internal pages.)**

Poor performance as there are 61 http requests which break down as follows:

1x html | 22x .js plugins | 20x css sheets | 5x fonts | 13x images

Js and css files should only be applied to templates where they are being used.

**(As we are using the WordPress all the js and css are automatically included in header and footer respectively for all the plugins.)**

Any scripts or stylesheets not being used can be turned off in WordPress -

***I will go through and do this so that the unused files are removed.***

**(Sure, if you think this is necessary then you can go ahead and delete the files but this is not recommended from our side as there isn’t anything unwanted we have kept, except some supportable files WordPress itself keep)**

The images on the homepage slider are 2-3mb in size and will cause significant delay in page speed. These could be resized or reduced in quality to suit.

**(These images are provided in the 7mb/image and we have already optimized them as much as we can, you can check with the Tony or Charlotte)**

**I will optimize these, I have tested one and can get down to 500-600kb.**

**(We know the speed of the site is a major concern for the SEO purpose. So please check this url** [**https://tools.pingdom.com/#!/dnAXV9/http://swd.stagingdevsite.com/dev/**](https://tools.pingdom.com/#!/dnAXV9/http://swd.stagingdevsite.com/dev/)**. It will help you to check the size of the page and you will notice that all the images are already optimized.)**

The site had been stated it was completed and ready for delivery I do not believe this is the case.

**Except the W3C validation we don’t think there is anything wrong with the site so we still believe that it’s ready because all the W3C issues are taken care of now.**

Wordpress Version is 4.6.1, there were major vunrabilities discovered in all versions prior to 4.7.1 so please update to current version asap to ensure plugins are compatible so that we can continue testing. **(Done)**

**Please also ensure plugins are also updated to latest versions for security**. **Vunerable Plugins are the number 1 cause of wordpress site vulnerabilities. These should be up to date prior to delivery.**

**All the Plugins are already updated except some which we have created as a custom plugins so these are not required to be updated as this is a custom coding.**

|  |  |
| --- | --- |
| ALL PAGES - INLINE CSS & JS  **(It’s a Plugin js/CSS and included automatically by the WordPress, we haven’t done anything ourselves.)**  I accept that you didn't write this but the end result is large amounts of inline code which doesn't meet best practice developer should look out of this  **I have fixed this myself**  **We have download the plugins from the wordpres.org website by checking the reviews of each and every plugin and that reviews are given by professional developers of WordPress community and the plugin that you are referring with bad coding style is used in 90 000 sites and it has more than 170 reviews with 5+ ratings please refer to the screenshot.** | Bad Practice – Should be in separate file |
|  |  |
|  |  |
|  |  |
| ALL PAGES - Registration Modal -- It would be much better to have the registration form on a separate page just for that. Login form is fine o have on all but registration should be separated. lines 1371-1459 on homepage **(This whole was approved and we cannot create a separate page at this stage, from the user point of view this is not recommended to navigate the user to different pages) I will discuss with Tony and rectify if required** | not an error but should have been done better |
|  |  |

|  |  |
| --- | --- |
| HOMEPAGE - owl-carousel or bootstrap carousel **(We have to use the multiple plugin to achieve requested functionality by Tony/Jack/Charlotte else we don’t recommend combining the plugins)**  **I accept that multiple plugins are required for functionality but they shouldn't be loaded on every page type. Only on those that require the plugin. See list at bottom** | two plugins for the same job, using function from one css from another |
| HOMEPAGE - #carousel calls .flexslider but #carousel does not exist? **(Flex slider and owl carousel are called for different section of the site and it will not interrupt each other) Same as above** | code error or wrong template |
| External Doors Category - images stretched, should css3 object-fit or similar with fallback for IE and Edge | Coding Error |
| Ironmongery Category - images stretched, should css3 object-fit or similar with fallback for IE and Edge | Coding Error |
| Ironmongery Category - .img\_back on ironmongery product lists would work better if background color was white.  **(For all the above points we have already asked to keep the png images, but then Jack wanted to keep the white background images for the products, we have already mentioned this number of times to keep all the images of the products identical, you can check with Charoltte)** |  |
| External Door Product Page – Text in drop down doesn't make sense should be Select Finish to View Price. **(Here “finish” means the type of product material, kindly confirm from Tony)** | Coding Error |
| Also there is a field “How they heard of us” which is incorrect and should be “How did you hear about us?” **(We Consider this as an grammatical error not coding… so text is replaced)**  There is no showing visual of mandatory fields usually denoted with \*  Any fields that are mandatory should have a \* after the label**.(This was not in the approved designs so that is the reason we haven’t kept that)**  **Should be standard practice on web forms not a design feature but I will fix this myself**  **(Its Done)** | Coding Error |

**Important Below!**

Can you outline what page types the following .js plugins are used on so that we can ensure they are on the correct templates:

wp-emoji-release.min.js

jquery.sticky.js

wow.min.js

jquery.dataTables.min.js

form.js

prism.js

lity.js

jquery.flexslider-min.js

custom.js

owl.js

Can you outline what page types the following css files are used on so that we can ensure they are on the correct templates:

animate.min.css

dashicons.min.css

genericons.min.css

fontawesome.min.css

jquery.datatables.css

lity.css

prism.css

extra.min.css

**Above mentioned CSS and .js files are the files which we have included for different purpose to full fill the requirements for example sliders, forms, validations, all the custom codes which we need in the site.**

**I need a basic list of the page types these files are used on. They are not used on every page so a basic idea of what you have used and where would be useful so that we can optimize them.**

**I.e**

**owl.js used for “product pages”**

**Datatables.js used for “what we do” pages**

**etc...**

**The List of the plugins are used for the following purpose.**

1. **Datatables (This is used in the my-account section of the user once he/she makes the request a quote of the door, it is a very help full too to manage the data in tabular form having functionality of search and pagination in it, also this is a responsive too)**
2. **Owl Slider (this Slider was used in earlier stages, but changed because of change in the requirement from the client side, so it’s removed now.)**