Design Changes:

Footer included attributions, contacts and social media links instead only of a sitemap

HTML template

In a sense we created html template that we used across the website, every page has the same banner, header, navigation options and footer, only the main content was different because it is that easy to unify everything and in our opinion it is not that interested to have everything the same way. However, we tried to make the design clean and minimalistic. We used CSS normalizer **write more**

**File structure we put everything in the separate folder (i.e. we put css files into css folder, images into image folder). Except html files where left in the beginning of the folder. Such ordering makes navigating between files easier as it is more understandable and readable.**

**For debugging we mostly used Firefox’s Mozilla development tools also W3 HTML and CSS validators to find if anything might cause errors and any other problem.**

We used JavaScript for only one thing that is to represent a map with SU location and picture on the marker. We used Google Maps API which is a free API provided by Google. In case the user uses TOR without JavaScript or he/she has JavaScript turned off for privacy purpose we took a picture of a map and show the picture instead of a map.

Optimisation:

We considered optimization as some images where loading pretty long, we equalized their dimensions for more consistent design and used free online available tools to compress those images.

Security:

Contact form we put required fields. This might be exploited with easily created bots and might spam our emails. Also, if the spam is to fast it might cause problems in the server. This should be consider more and increased.

Another security issue that we have is exposure of Simonas’ Google Maps JavaScript API key. However, he has put restrictions in the Google Cloud Developer console to the API key that it could not be exploited. Because people that would steal the API would not know what kind of restrictions have been applied and they would fail to use it.

Testing:

The website was tested in various browsers and devices. We uploaded the website on GitHub and hosted it from there. The website was tested on iPhones as well as on the Android mobile devices in browsers such as Chrome, Firefox, Safari, Brave. Also, the website was tested on desktop browsers such as Firefox, Safari, Chrome, Brave and TOR. The website was tested on different screen sizes and it let us to identify and fix a lot of design bugs that we wouldn’t have found otherwise.