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CYberflame

Fire Department

CyberFlame

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# Team

**Dimitar Grudov – Scrum Trainer**

My job as Scrum Trainer was to configure a team with whom we could create the best site. I organized the meetings and gave some of the ideas. I also took part in creating the safety tab.

**Polya Dimitrova - Designer**

I recommended ideas to the Front-end to improve the style of the tabs in the site. I also drew avatars for the Medics page and helped Daniel to design better the Home page. I made a README file and suggested dates for the next upcoming meetings.

**Petar Chapkanov – Back-end Developer**

I developed the workers page, fixed some typing and running errors and helped with the organization of the team meeting. I gave some ideas of what the site will look like and helped the Front-End Developer and the Designer with some of their tasks.

**Daniel Georgiev – Front-end Developer**

I took the role of Front-end Developer. It required me to think of how the site would look and with the help of the Designer and Back-end Developer structure it. My job was to write HTML and CSS code, make the site suitable for every device and incorporate the ideas of my colleges. I also helped with the design (backgrounds and such) and Back-end (mostly charts) parts of the project.

# The Project

1. The imagining of the project – **first stage of realization**

The first part of making our project was to think how it should look. Here the designer and the front-end developer took the main role. We had to think how to structure the site, what functionality to have and how to realize the ideas. After having thought of everything we moved on to the next stage.

1. The start of the project – **second stage of realization**

First, we organized our schedules, everyone took on their tasks and began working. A few days later we had our third meeting, where everyone showed what they had achieved. We discussed, came up with some new ideas and began to apply them. After several more meeting, we had almost finished with the site. Next up we started making a README file, presentation, and documentation.

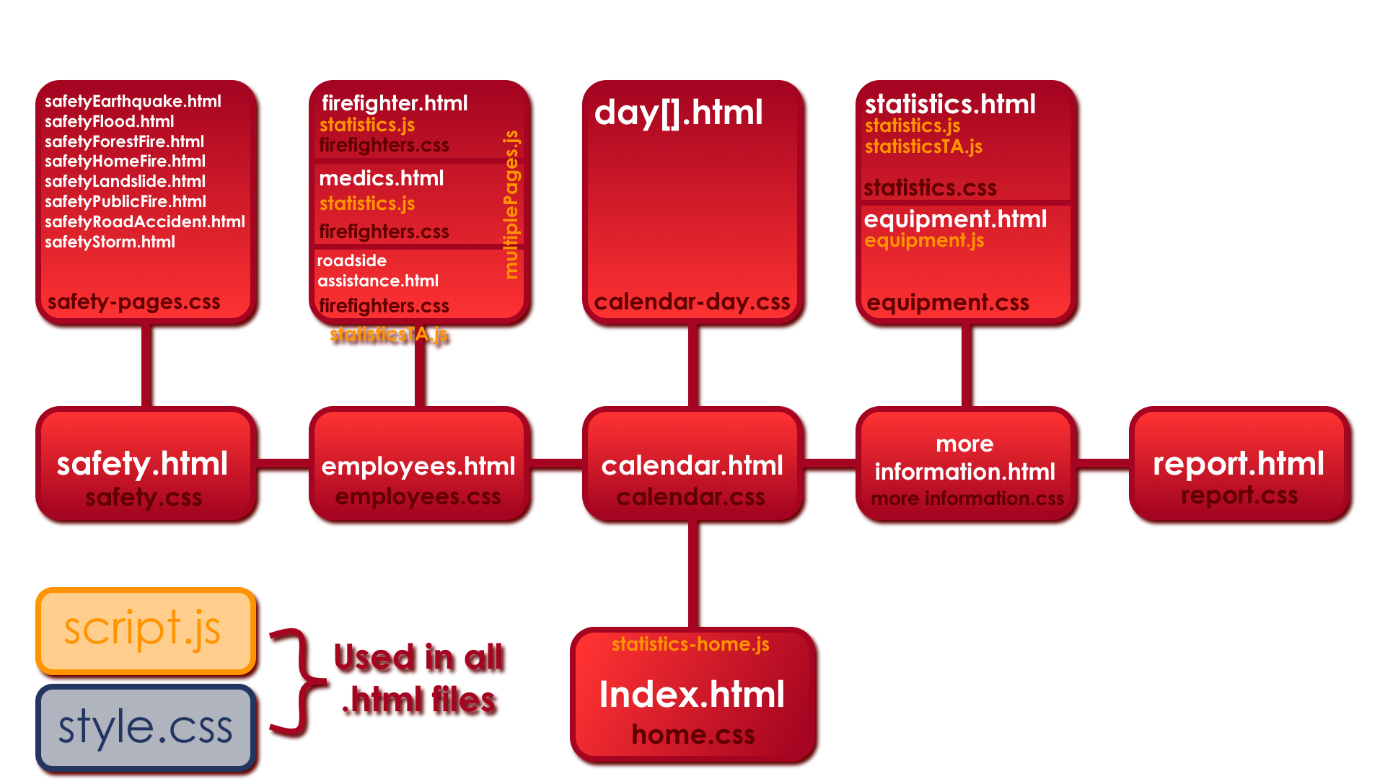
1. The late state of the project – **third stage of realization**

We began thinking of how we would present the project, refining and optimizing it, finishing off any tasks left, fixing some new bugs. After we were sure that we had done everything, we took a break and just waited for the big day.

# Functions

|  |  |
| --- | --- |
| **Function** | **What the function does** |
| available() | The function checks if a given texts is either “В служба”, “Извън служба” or “В ремонт” and colors it the appropriate color |
| multiplePages(page, buttonActive) | This function takes two arguments – “page”, “buttonActive”. It runs a ‘for’ loop that hides all the items that have the “tab-page” class, then runs another ‘for’ loop that removes the class “active” from the pressed button, and then displays the selected page |
| multipleTabs(tabs, tabActive) | This function takes two arguments – “tab”, “tabActive”. It runs a ‘for’ loop that hides all the items that have the “chart-tab-box” class, then runs another ‘for’ loop that removes the class “active” from the pressed button, and then displays the selected tab |
| toggleMobileNav() | When the page is at a certain width, a button appears and when it’s pressed it check if an element that has the id “mobile-nav” has a class “mobile-nav-open”, and if it does the function removes it, and if it doesn’t, then the function adds the class to the item |
| colorNumbers() | This function runs a ‘for ’ loop that checks if a number is higher or lower than 0 and colors it in the appropriate color. If the number is below 0, it colors it in green, and if it’s not, it colors it in red |

# Block Scheme



# Difficulties we encountered

|  |  |
| --- | --- |
| Configuring team | 7/10 |
| Making the code | **5/10** |
| Distribution the roles | **6/10** |
| Organize the team | **3/10** |

# Used technologies

|  |  |
| --- | --- |
| Visual Studio Code | Used as a base where to write the code and edit the README file. |
| HTML, CSS, JS | Program languages used for code development. |
| Teams | For communication. |
| GitHub | To synchronize the team and upload the code. |
| Paint.net, GIMP | For elaborating the avatars, logo and the block scheme. |
| Charts.js | To make the statistics |
| PowerPoint | To make the presentation |
| Word | To make the documentation |

# Conclusions

We gained a lot of positive and new knowledge from the work on the project. We learnt how to work in a team and how to allocate valuable time, which we will need in the future. We also developed a lot in writing and implementing JS, CSS and HTML.