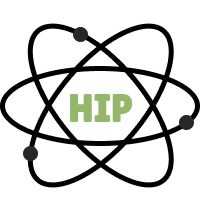
****

**TEAM HIP**

**DOCUMENTATION**

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# **1.OUR IDEA**

This is a calculator in which you can balance your chemical equations. First you write out the unbalanced equation you want to balance. Then click the enter arrow. The calculator will give you the coefficients that you need to use in order to balance the equation. Lastly check the balanced equation to ensure that it is correctly balanced. This means that the number of atoms of each element on both sides of the equation should be equal.

# **2.TEAM**

* **Scrum Trainer – Pavel Yordanov 10A**

The scrum trainer is the leader of the team. His job is to first register the team and then to discuss the schedule for the meetings with the other members of the team. He has to organize and help the team. When the project is ready, he has to create a presentation and a documentation for it.

* **Backend Developer – Yoan Panov 10A, Kaloyan Lambov 10A and Alex Stoyanov 10A**

Backend Developer is the member of the team that is responsible for the biggest part of the code. He needs to understand what he writes and he also has to make sure that the code is understandable and well written.

* **Designer – Nikola Stoyanov 10A**

Designer is the member of the team that is responsible for the design of the application. He needs to be creative and make unique designs.

# **3.STAGES OF DEVELOPMENT**

## **Start of the project**

After we formed our team, we decided the name of it and what everyone’s role is and after that the scrum trainer registered the team. Then we decided when we are going to have meetings and how to communicate.

## **Making of the project**

When the team was registered, we made a schedule for the meetings. Most of the time everyone in the team was able to be in the meeting and to work. We had no problems communicating with each other and the teamwork was good.

## **End result**

When the application was finished, we checked if everything was alright with it. Then we made our presentation, documentation and the QA documentation.

# **4.USED PROGRAMS AND TECHNOLOGIES**

## **Microsoft Teams**

Microsoft Teams is the program that we used to communicate. We decided to use it because it was easy to use and gave us the best sound quality and connection.

## Microsoft Apps**Word**

MS Word is the program that we used to create our documentation for the project. In it we’ve described the process of making the project, every program that was used for the project and every role in the team.

## **Excel**

Microsoft Excel is the program that we used to create our QA documentation. In the QA documentation our QA Engineer made a description about any test that he has made on the application. After that he wrote down if the has test passed.

## **C++ – УикипедияC++**

C++ is the programming language in which our code for our application is written.

****

## **PowerPoint**

We used MS PowerPoint to make our presentation. In the presentation we introduce ourselves and everyone’s role and the programs and technologies that we used for the project.

## **GitHub**

GitHub is the place where we share and store our code. It was easy to use for every member of the team.

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## **Raylib**

Raylib is the library that we used for the creation of our application.

## 

## **Figma**

We used Figma to create the design of the application and our logo.

# **5.Conclusion**

Our work was really enjoyable and we all had fun during the project. We learned a lot of new things which is always useful. For example, we learned how to work better in a team and how to plan our time. We made new friends and learned a lot of new things that can be very useful for future projects.

# **6.Block scheme**