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# Global Elite

## Information and Development of a plan

**PRESENTATION OF THE PROJECT**

Our project is a C++ application on Biology thematic, which you can download from our repository.

Link - <https://github.com/codingburgas/2122-10-biology-TGZafirov19>

# Team roles

|  |  |
| --- | --- |
| № | Roles in the team |
|  | Todor Zafirov (TGZafirov19) - Scrum Trainer |
|  | Yanislav Stoyanov (YLStoyanov19) - Front-End Dev |
|  | Andrey Andreev (AGAndreev19) - Back-End Dev |
|  | Georgi Malchev (GAMalchev19) - QA Engineer |

### 

# Introduction

|  |  |
| --- | --- |
| № | Introduction |
|  | What is the product?  The product is a C++ application. |
|  | Where is it available?  Our collaborative work took place in **GitHub** and in order for the files to be accessible to everyone they were uploaded in the GitHub Repository of our project.  **Link** - <https://github.com/codingburgas/2122-10-biology-TGZafirov19.git> |
|  | Communication?  Communication is realized through **Teams**. Thanks to all the features and the provided visualization - on-screen communication and feedback are sufficiently complete. |
|  | What technologies are used?  The technologies used are **Visual Studio** as IDE for creating the C++ application, **C++** as a programming language, **Git** and **GitHub** for collaborative work. **Teams** - connection and communication, **MS** **PowerPoint** - preparing a Presentation, **MS** **Word** - preparing Documentation, **MS Excel –** preparing a QA Documentation . |

# Milestones of realization

|  |  |
| --- | --- |
| № | Milestones in realization |
| 1 | Form the team  Our team is formed by 4 people and everyone has its unique role. That role is determined according to his skills and knowledge. |
| 2 | Do research on the topic  To achieve our goals, we had to spend some of our time in researching. Research is an essential part of the project. |
| 3 | Discuss ideas  After doing some research on the topic, everyone suggested their idea, we discussed the ideas and assigned everyone some tasks. |
| 4 | Sort and separate tasks  Each of us has a unique role and the tasks he receives are determined according to it. The tasks are sorted in the Projects section in GitHub and are well described, so that everyone can understand what they are supposed to do. |
| 5 | Work on the project  After everyone received their tasks, we started working on the project. With hard work and a lot of effort, together we managed to create the final product. |

# Code plan

|  |  |
| --- | --- |
| № | Plan for realization |
|  | Main Menu  We had to create a menu with a simple design. The menu includes two different buttons. Each button takes the user to different sections. |
|  | Design of different sections  Our task was to create two different sections. Those sections are the two calculators. Our Front-end developer was assigned the task to make design for those sections. |
|  | Functionality of each section  Our Back-end developer had the task to make those tabs functioning. |

# Plan testing

### All tasks to perform

|  |  |
| --- | --- |
| № | Completed tasks |
| 1 | Main Menu The design and functionality of the Main Menu was created by the Front-end developer. |
| 2 | Create a Documentation  Our Scrum trainer had the task to create a Documentation where the essence of our project is described in the best possible way. |
| 3 | Create Presentation  Our Scrum trainer was assigned the task to create a proper presentation which represents our team and our work. |

# Table of Functions and Variables

|  |  |
| --- | --- |
| Name of the function | Purpose |
| void mainMenu() | Void function about the main menu |
| void bmiCalc() | Void function about the BMI calculator |
| void foodCalc() | Void function about calorie calculator for food p.g. |

# Block diagram

