Documentation

Team-Ace of Spades

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# About the team

|  |  |  |
| --- | --- | --- |
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# Introduction

## Summary of the project

The essence of this project was to create a C++ game based on Math or Word problems. In the game you should guess the word using hints. Each level is harder than the one before. If you fail multiple times guessing your lives are gone and you lose the game.

## Where is it available?

Our collaborative work took place in GitHub, and we made a repository for all our files to be accessible easily.

Link: <https://github.com/TYAtanasov21/Ace-of-Spades>

## Communication?

Communication is realized through Microsoft Teams. Thanks to all the features and the provided visualization – on-screen communication and feedback are sufficiently complete.

## What technologies are used?

The technologies that we used are Visual Studio 2019 as IDE, C++ as a programming language. Microsoft Word for Documentation. Microsoft Teams for communication, Microsoft PowerPoint for presentation, Git and GitHub for collaborative work.

# Method and manner of implementation

## Productive work

The tasks are defined in a way that everyone is aware of the tasks performed so far to present and answer quickly, clearly, and accurately, and teamwork is more efficient and productive.

## Distribution of tasks

For each task, a person is selected who is more familiar with the field and will be able to perform the task in the most competent way possible.

## Terms

Observance of dates was reminded by the Scrum Trainer. A meeting of the team is held every week to discuss the amount of time needed to complete the assigned task.

# Block schemes

Diagram

Description automatically generated

# Functions

|  |  |  |
| --- | --- | --- |
| type | Name | Description |
| Void | mainMenu() | Return the main menu. |
| Void | Game(); | Return first game mode |
| Void | Game1(); | Return second game mode |
| Void | Game2(); | Return third game mode |
| Void | Game3(); | Return fourth game mode |
| Void | Game4(); | Return fifth game mode |
| Void | Registration() | Return the registration form |
| Void | Rules() | Return the rules |
| Void | Credits() | Return the credits |
| Void | gameSelect() | Return the form, so that the user can choose a game |