A yellow star on a black background

Description automatically generatedA logo of a planet

Description automatically generatedA cartoon of a white and blue astronaut

Description automatically generatedA cartoon of a white and blue astronaut

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# A yellow star on a black background Description automatically generatedA yellow star on a black background Description automatically generatedA yellow star on a black background Description automatically generatedA yellow star on a black background Description automatically generatedAbout the Team

|  |  |  |
| --- | --- | --- |
| Team member | Role within the team | Class |
| Dimaya Noneva | Scrum Leader | 9 B |
| Stoyan Hristov | Back-End developer | 9 B |
| Jaklin Yankova | Back-End developer | 9 B |
| Stiliyan Dimitrov | Back-End developer | 9 B |

# A yellow star on a black background Description automatically generatedIntroduction

## The Idea

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Description automatically generatedThis is a game about an astronaut from the planet,, Earth” , but on his last expedition his spacecraft exploded and now his parts are scattered across the planet ,,Mars”. Your job is to help him put them together so he can go back to his loved ones and complete his mission. However, he has a certain amount of time before he runs out of oxygen, his clock is already ticking so be as fast as you can!

## A yellow star on a black background Description automatically generatedMain Stages of releasation

|  |  |
| --- | --- |
| Week | Main duties |
| 1st week | Creating logo and discussing ideas about the game. |
| 2nd week | Making the design and implementation our ideas through code. |
| 3rd week | Developing the code |
| 4th week | Creating the documentation and presentation. |

## Used technologies.

* A yellow star on a black background

  Description automatically generatedC++ as the main programming language
* Raylib as an external library that for visualization
* GitHub and Git is a cloud storage and control.
* Microsoft Office 365 suite for documentation preparation
* Visual Studio 2022 as an integrated development environment.
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  Description automatically generatedCanva for design.

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## Table with functions

|  |  |  |
| --- | --- | --- |
| Type | Name |  |
| void | mainMenu(); |  |
| void | game(); |  |
| void | gameLost(); |  |
| void | trueAnswer(); |  |
| void | wrongAnswer(); |  |
| void | questions(); |  |
| void | controls(); |  |
| void | story(); |  |
| void | rules(); |  |
| float | gameWon() |  |
| float | Vector3Distance(Vector3 v1, Vector3 v2); |  |
| bool | CheckCollisionPlayerPart(Vector3 playerPos, Vector3 partPos, float partScale); |  |

## Block SchemeA diagram of a computer program Description automatically generatedA cartoon rocket with blue and pink spots Description automatically generatedA purple and black logo Description automatically generatedA purple and black background Description automatically generatedA black and white background Description automatically generated