

Project and team documentation

4D

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# **Team**

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### aSSIGNMENTS:

|  |  |
| --- | --- |
| Scrum Trainer | Schedule meetings, Create and update the team documentation. |
| Designer | Create assets and game mechanics. |
| Backend Developer I | Assure assets are shown and loaded on screen. |
| Backend Developer II | Assure game mechanics are working properly and as desired. |

# **Used programs and languages**

## C++

C++ is a general-purpose language, used for programming lots of applications and programs.

## Raylib

## Raylib is a simple and easy-to-use game development library for C and C++ programming languages. It provides a wide range of functions for 2D and 3D graphics rendering, audio playback, input handling, and other essential game development tasks.

## Visual Studio Code

Visual Studio Code is a freeware source-code editor made by Microsoft. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

## Word

Microsoft Word or MS Word (often called Word) is a graphical word processing program that users can type with. It is made by Microsoft. It’s purpose is to allow users to type and save documents. We used Word to create this documentation.

## 

## PowerPoint

PowerPoint is a complete presentation graphics package. It gives you everything you need to produce a professional-looking presentation. PowerPoint offers word processing, outlining, drawing, graphing, and presentation management tools- all designed to be easy to use and learn.

# Resume

Greetings! We are 4D, and we are here to innovate and progress. For this project we worked hard despite the time limit and we managed to put together something simple for the user to enjoy.

# Idea

Put simply, the game is inspired by the infamous “Cookie Clicker”. However, we brought in some new elements, such as, well, the area, the different upgrades, and a few new mechanics to challenge the user.  
For example, the user collects C(Carbon) and H(Hydrogen) as base currency along with money, which allows the player to progress.

# CONCLUSION

To sum up, this project of ours was not particularly the best work we’ve done, however it is important to remember the limited time and resources we had at our disposal, coupled with the limiting topic. On the other side though, I can surely say that the team worked greatly as one and we did as much as we could, given the circumstances.



