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## **Team**

### **Scrum Trainer**

They are skilled in software development and/or product management. They are experts in Scrum and have extensive experience applying, leading, teaching, and coaching it.

### **Quality Engineer**

A Quality Engineer works within the quality team to ensure the overall quality of a manufactured product and is tasked with creating documentation, devising quality tests and defining the criteria a test result should meet. They play a key role in fixing issues when they arise.

### **Front End Developer**

A front-end web developer is responsible for implementing visual elements that users see and interact with in a web application. They are usually supported by back-end web developers, who are responsible for server-side application logic and integration of the work front-end developers do.

### **Back End Developer**

A back-end web developer is responsible for server-side web application logic and integration of the work front-end developers do. Back-end developers are usually writing the web services and APIs used by front-end developers and mobile application developers.

### **Code Checker**

They are the people who check and test the code constantly for mistakes and errors insuring errorless workflow.

## **Our goals and our game**

We are TYPHON. The task is to create a game using strings. We had a month to complete the task. The only language we were able to use was C++. Our goal was to create an educational game which helps the user learn how to use strings. We got along with the goal and did a pretty good job for the given time. In the making of the project, we discovered a lot of new functions in C++. Our game is called “Magic Wizards”.

“Magic Wizards”. This is an educational game which aims to “teach” the user about the “magic” of the strings and how to use them in the universe of C++.

The main goal of the player is to complete levels and quests. He learns something new every level. To finish the last level, the user has to use every skill he has learned until now to complete the mighty task.

## **Used Technology**

### **C++**

C++ is a general-purpose programming language. It can be used to develop operating systems, browsers, games, and so on. C++ supports different ways of programming like procedural, object-oriented, functional, and so on. This makes C++ powerful as well as flexible.

### **Visual Studio**

Created by Microsoft, Visual Studio is an integrated development environment that is used to develop computer programs for Windows. Visual studio can also be used for developing web sites, web applications, and web services.

### **GitHub**

GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. This tutorial teaches you GitHub essentials like repositories, branches, commits, and Pull Requests.

### **Discord**

Discord is meant for people to easily communicate while playing PC games together but many people also use it just to talk together or to even work together. ... You can use Discord on pretty much any device you own — there are dedicated Discord desktop apps for Windows and Mac as well as iOS and Android apps for chatting and calling on the go.