Proteamer

OTJ project

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# **Used Programs**

* Visual Studio 2019 – for writing code (in C++)
* SSMS – for the database
* MS Word – documentation
* MS Powerpoint - presentation

# **2. Summary**

## 3.1 Goals

The goal is to make applications that everyone can use. It allows users to manage their projects easily, to add teams and tasks and also to add users to the project. If the user has administrative privileges, they can manage everything in the app.

## 3.2 Stages of realization

***First stage*** – learning. First step was to learn new important things for this project from my teacher such as multitier architecture, namespaces and etc.

***Second stage*** - planning. When I have learned what I will use in my project, I started to think how it will be and how to connect everything in the database.

***Third stage*** – realization. After the planning, I started to work on my project. I learned some new things such as how to work with databases.

***Final stage*** – presenting. When I have finished my project I did presentation to present easily my application.

## 3.3 Level of difficulty main problems during realization

First, I should start learning how to connect Visual studio to SSMS. Then I found out about nanodbc library which really made my work easier. Then I should consult my teacher how to make my tables in the database. The main problem was how to make connection between tables in the database.

# **4. Future idea**

In the end of the project, the app still don’t have user-friendly design and I should think about it. It can also improves by adding new functions to it such as viewing to who belongs the project’s task and if it is done.