scale focus project

*Zheneva*

Documentation

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# Summary

## Description of the application

In a school, the students are grouped in teams in order to work on projects. There is one teacher in each team. There is information for all the students, namely: name and surname, class, role which the student prefers to carry out in the team, email. The following information is available for each team: name, description, date of set up, a list of students and their status (in use, not active, not archived). The information about the teams can be changed only if their status is “in use”. Each team works on one project. The following information is kept/recorded for each teacher: name, surname and lists of the groups they teach, email. One teacher can consult more than one group.

## Milestones in the realization

Before we started, we had to make a plan how to make the program. That included:

* Deciding what to do
* Searching for similar ideas
* Distribution of tasks in GitHub
* Programming
* Testing

## Used resources

For the implementation we used **Microsoft Visual Studio 2019** and **Visual Studio Code**. For sharing the code between us and for working together, we used **GitHub**. For discussing ideas, roles of the members in the team and other things connected with the organization we used **Microsoft Teams** and also **GitHub**.

## Conclusion

We had enough time to make the project. In conclusion, we were well-organized and worked under pressure because it is hard to make a user-friendly bug-free program and site.

# Table of Contents

|  |  |  |  |
| --- | --- | --- | --- |
| Function name | Arguments | Purpose | Return value |
| Add | SCHOOL school | allocates memory for a new element | SCHOOL |
| teamEdit | SCHOOL school | edits teams | SCHOOL |
| teacherEdit | SCHOOL school | edits teachers | SCHOOL |
| studentEdit | SCHOOL school | edits students | SCHOOL |
| del | SCHOOL school | deletes elements and frees up memory | SCHOOL |
| credts | - | outputs the team | void |
| edit | SCHOOL school | function for all other edit functions | SCHOOL |