Project analysis

P-CB-S06-Group 4

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Content…………………………………………………………………………

1. Context

Student Housing BV are a student housing company that are renting out rooms with shared facilities for students during their studies in the Netherlands. It appears though, that the many of the tenants in the company's housing facilities are unsatisfied and annoyed with each other, that's why the company has tasked us with creating and developing an application that can solve the issues that the students are having to deal with, such as unannounced parties, not cleaning the garbage on time, etc.

2. Stakeholders

It is very important to take into account the needs of all of the stakeholders in this project. In this case they are the developers of the application: us and the end-users: Student Housing BV and their tenants. The housing company is not only a user but also the investor, which is important to mention.

3. Problems of the students

The agency has been receiving complaints for some time now from their clients.
Some of the complaints are related to:

- People not cleaning the shared facilities after using them.

- Some people not paying for groceries and shared items.

- Not cleaning the garbage on time.

- Having unannounced parties or gatherings.

- Noise complaints.

-etc.

These are only a fraction of the complaints that the clients have, so our goal is to make a software that allows people to have a space where they can record them and do more (set agreements with each other, have suggestions for new rules and schedule events ahead of time).

4. Objectives

Our main objective is to make a software solution to the problems that the students, that are living in these student houses, are facing right now.

In order for us to achieve that we would make a software where people can:

- Record and set agreements between students – Tenants

- File complaints (can be done anonymously) – Tenants

- Schedule/remove events – Tenants

-Suggest new rules to be added and view the current ones – Tenants

-Collect complaints from the students – Admins

-Add/remove/change the rules of the house – Admins

-Add/remove users from the application and view users' login credentials – Admins

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5. Constraints

- Programming language C#, Windows Form application, OOP (Object Oriented Programming)

- GitLab from Fontys ICT.

- Only use theory covered during the semester.

- The software solution should be delivered before: 18th January

6. Planning

<u>Week 13:</u>

- Creating an analysis document - Stefan Pricopi, Kristiyan Balev, Stanislav Petkov
- Creating a git repository – Stanislav Petkov

<u>Week 14:</u>

- Creating a basic interface – Kristiyan Balev
- Developing admin functionalities (collecting complaints and being able to change the house rules) – Stanislav Petkov and Kristiyan Balev
- Developing tenant functionalities (record and set agreements, schedule events, file complaints) - Stefan Pricopi and Stefan Popescu

<u>Week 15:</u>

- Further development of admin functionalities - Stanislav Petkov and Kristiyan Balev
- Further developments of tenant functionalities - Stefan Pricopi and Stefan Popescu
- Submitting interim version of the application.

<u>Week 16:</u>

- Getting feedback and changing our code based on it
- Writing a report - Stanislav Petkov and Kristiyan Balev
- Making a presentation - Stefan Pricopi and Stefan Popescu

<u>Week 17:</u>

- Submitting report, presentation and final version of our application.