## horizontal line



STUDENT HOUSING !

GROUP 5

DOCUMENT ANALYSIS.

25.05.2020

**─**

Team member:

- Paa Kow Ewool

Team Leader(helping in database aspect and software aspect)

- Troev Yani

Build software aspect and support to test the product.

- Michael Ebowusim

Build the database work needed, help with the software aspect.

# Overview:

**Student Housing BV, own a building where students (our clients) can stay during their study in the Netherlands. apartments, which are rented by our clients, but also shared facilities such as toilets, bathroom, kitchen, hallway, storage space, etc.Although in every agency there are problems they face.**

# Goals to solve the problem with IT Solution:

1. • Appointed persons not cleaning the shared facilities.
2. • Groceries are not done or paid for shared items such as toilet paper, dish soap, etc.
3. • Garbage disposal is not done on time.
4. • Unannounced parties, gatherings.
5. • And many smaller annoyances.

# Specifications:

Build up possible solutions to these problems(Software Solution)

# Solution:

**1.** Clean the house with clear detail for the manager to view it.

**2. Making cleaning control system.**

**3.**Warn the appointed person to clean the shared facility

- Make it possible for student s to file a complaint.

- Send the email to them to clean and shared on time. According to their time table.(Making Schedules).

4Assiign students who are to buy the toilet paper, ext, and if it has not paid by them we carry a warning sign. (keep track of information)

5. Calculate how many garbage has been filled and check it if not fulfilled they will receive a mail. (possible if statements)

6. Party management. Make a time frame which indicates after there must be no parties.

7. Should build the application and connect to the Database.

# TARGET:

* Customer: As a student who has the housing problem .
* Make the affordable profit solution with nice price offer.
* Satisfy the needs of the customer.

# Way of working:

# Build the software and database aspect for the application.

* Clear and match all criteria of the problem in the project plan.
* Communication with the tutor, team-mate.
* Using online meeting method, and direct meeting.
* Punctual working.
* All Deliverables before deadline

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| --- |
| Time Consumption / Measure. |
| Around 20 - 40 hr practical work with software and build the database(Approximately every week)  ( Make the time faster than )  Pakoow 30hr.  Michael 30hr.  Troev 30hr. |

# PROJECT INSIGHT :

Who are involved (the stake holder ) with the project ?

* the student, manager.

The problems the student housing agency is facing ?

With the help of a software application we could be able to solve the problems the student housing agency is facing. To add with we will also build up a database to support the software application we make.

* Troev Yani Build Database And C# Aspect
* Michael Build Database And C# Aspect
* Paa kow Build Database And C# Aspect

Who is/are the end-user of your software solution?

* Student and Manager will be able to use it perfectly.

Be unambiguous/specific about this?

* Able to arrange the garbage in student house
* Able to help neighbors reduce loud noices
* Able to help person to clean the share facilities by means of schedules and rewards.
* Would be able to keep track of people who did or did not pay groceries..

# TO-DO MAIN LIST :

* Making the SQL and Database.
* Making the C# Application to Manage the Database.
* Communicate effectively with team online and with tutor.

# Deliverables :

Software: C# helps the student and manager to easily manipulate actions

Data Work: Database of the student house p general details.

User ability: Easy to use and understand.

Design description: (of the final product)

The “log-in” screen lets the end user(student/company employee) select their respective view. The company employee view is password protected.

For the student, the main screen is made of 3 butttons: “see house rules”, “record an agreement”, “file a complaint”.

For the company employee there are 2 options: “see complaints” and “update house rules”.

Project justification:

The software solution is designed in such a way that the user interaction is very easy, the user has options(buttons).

Moscow method:

*Must have:*

* set agreements system
* filing complaints anonymously
* the “log in” screen for both views

*Should have:*

* functional company view

*Could have:*

* password protected company view
* more advanced calendar system(for setting and seeing agreements)
* The repairman option

*Might have:*

* database for the complaints(?)