Analysis Document

Student Housing BV own student housing buildings with shared facilities. However there have been complaints coming from the residents and the owners have contacted us for a possible software solution to these problems.

**Who are our stakeholders**

1. The owner of the student house (represented by our professor Vucht,Mieke C.M. van)
2. The people living in the student house
3. Us (Our 3 software engineers)

**Problems that the residents face**

* Appointed persons not cleaning the shared facilities. (Schedules feature)
* Groceries are not done or paid for shared items such as toilet paper, dish soap, etc. (Complaints feature)
* Garbage disposal is not done on time (Schedule feature)
* Unannounced parties, gatherings etc. (Rules feature)
* Agreements between students for compromises. (Discussion feature)

**Who are our end-users**

Our end users are:

1. The residents of the student house.
2. The owners of the student house.

**Which functionalities will out software have?**

Me discussed and in the end made the following criteria:

1. Allow residents to make a schedule of chores and arrangements between each other
2. Has to have a pre-written house rules, which can be seen by the guests **but** only employees should be able to make changes to the rules (make new ones or remove old ones)
3. Employees should also be able to gather complaints and print them.
4. Residents can file complaints anonymously with date time stamps.

**When and which functionalities will be implemented and delivered**

Week 13

We analyze and divide the work between us.

Discuss possible ways to make the software.

Week14

We will start working on our prototype which should fulfill most of the required criteria.

Week15

We will present the prototype to our shareholders and get their feedback on what could be improved.

Week16

We will implement all of the feedback from our meeting as well as finish all of the unfinished features.

Week17

We will deliver our software.

**Problems that may arise**

1. One of our group members will be going back to their home country for the holydays during week 15 which hopefully will not clash with our meeting with the shareholders.

-Possible solutions include working around the schedule of our stakeholders so that we can hold the meeting with all 3 of our software engineers.

**GUI**

Finally for the look of our app we made a simple sketch of how it may look in the end.

