**The Smart House**

- Project description:

Student House, is building up a student hotel that provides students ambient and smart facilities

while providing a pleasant stay and a study environment.

This project aims to achieve that by creating different spaces where students can live with optimal conditions to focus on their studies.

- Deliverables:

1. Working Reception App for keeping track of the students in house

2. Working Light system

3. Working air conditioning system (includes the smoke detector)

5. Working Food management system

6. Working Alarm system

7. Working door locking system with RFID chips for checkin /checkout

8. Weekly Reports

- Communication:

To guarantee the best results, we will create a git repository in order to work together and split the work professionally. In addition, we will start a closed chat group to reach one another at any time just in case we would like to discuss something urgently or inform one another about changes in our appointments.

Regarding our meeting, we will discuss this project every Monday and Wednesday. To be more flexible, we will set the time of this meetings according to our conditions and the amount of work that must be done at that day.

- Risks analysis:

Future Risks:

1. Time constrains
2. Difference in members schedules
3. Lack of Resources

- Configuration management:

Way of communicating:

* Via WhatsApp or Facebook group

Way of splitting the work:

* The goals for the week are discussed during the Monday meeting and all the workload is divided between the group members and uploaded to GitLab this makes it easier to reconfigure tasks if necessary. GitLab also provides us with the opportunity of working from home or other distant locations so is makes updating the project and following it’s progress that much easier.