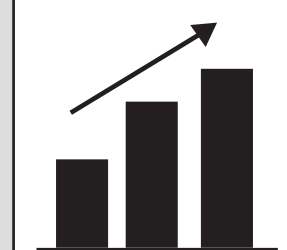**PM**

PITCH

JUSTIFICATION

We started the project for a school job, the purpose of which is to improve our skills in the informatic field and also teach us how to manage a real project by ourselves.
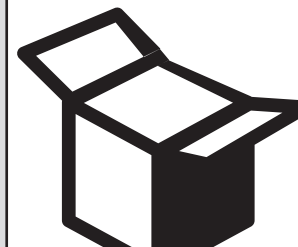
PRODUCT

The product is a system that is able to measure the temperature, the humidity and the noise intensity from a determined area and to store the data into a database.

EXT STAKEHOLDERS

The "Arietta" project is intended for the School and the students.

ASSUMPTIONS

We assume that at the end of the first period we will have a beta version of the project and that the school will give us the hosting for the webpages and the domain.

RISKS

Someone could connect with the arduino to steal the data and send it into another database.

SMART OBJECTIVE

Create an informatic system that will help the school keep track of the temperature, humidity and noise intensity.

REQUIREMENTS

Knowledge of:
- Fishino Mega (Arduino)
- Git and Github
- Sql for databases
- Html and Php for web pages
- Temperature sensor
- Sound sensor

TEAM

The members of the team are:
- Haowei Du (Master)
- Andres Gilt
- Sansone Robert

DELIVERABLES

At the end of the project we will deliver all the stuff that is contained into our repository to the school: the arduino code, the databases and the html web file.

TIMELINE

During our first two months of work we have been focused on dividing the tasks, learning new tool such as Arduino and creating the databases and the website pages.
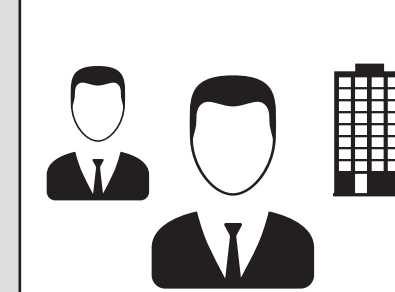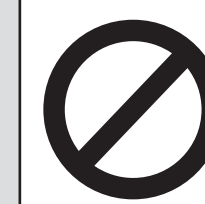
BENEFITS

The school will use the website to see all the graphs displaying data regard temperature, humidity and noise intensity of the classrooms.
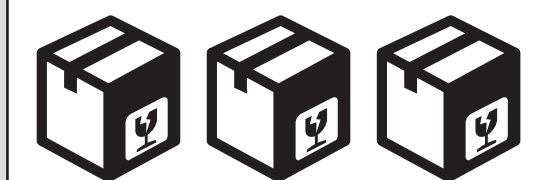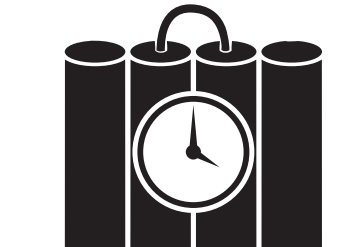
CONTRAINTS

The project must be delivered with all its relative documentation and must be completed within the deadline.

$$$ COSTS

Since the school had all the materials we needed, the cost of the project is null.

Project Model Canvas