PM

JUSTIFICATION

We started the project for a school job, based to improve our skills in the informatic field and also the management of the projects.

PRODUCT

The product is a system that is able to measure the temperature,umidity and sound from a determined area and stores the data into a database.

SMART OBJECTIVE

Create an arduino program to capture data and send it into a DB, and then view it from a web page

REQUIREMENTS

Knowledge of:
- arduino
- git and github
- sql for databases
- html and php for web pages

Modules:
- Fishino Mega (arduino)
- Devices for the caputure of the data

BENEFITS

The school can use the web pages to see all the graphs of the temperature and umidity of all the classroom, and assign them by watching the data

PITCH

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 finished the first beta version of our project. Then we will provide to complete it in the second period.

RISKS

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

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

For the realization of the first version of the project we needed about two months for the dividing of the homeworks, learning new instruments as arduino, and the implementing of a database system.

CONTRAINTS

We may not have the knowledge to make the project faster, so we may have to learn new technologies in order to design the job.

$$$ COSTS

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

José Finocchio Junior

Project Model Canvas