Agenda:

* Delegate tasks
* Break down project
* Fact find and create user stories
* Enquire on specifics from the contractor

Minutes:

[WB] explained his findings on php and getting it communicated with the database, database needs to be created by [AD] with dummy data and correct permissions set. Great progress so far.

[RS] will help structure the data better, perhaps using CSV’s or just pumping the data into a html table.

[AP] has created initial hardware fritzing in its minimal form, [IH] needs to run and grab hardware for use and sign stuff out. [MM] Will use prior experience of motors to order and create a WIP design.

[MM] went through the Arduino code with us and explained how the led’s work regarding the pins. He also explained how we can use dummy and placeholder hardware to help speed up production, this will be kept in mind.

[MM] with input from the rest of the group also created a data flow diagram, which will be uploaded to the website. Website communicated directly with Arduino to eliminate lag. Arduino then sends information to database, which is then read and displayed by php on the website. This speeds things up and increased fluidity of command. [MM] updated the valve control flow diagram to reflect this.

All user storied made by [MS] were ratified and read through, understood.

Goals for next meetings:

* [MM] Fixing the valve control flow.
* [AP] Looking into the wifi modules for hardware, also getting hardware.
* [MS] Scoping the flow, seeing how our hardware could be applied, also finding similar applications/tutorials.
* [RS] Will with website.
* [IH] Will setup github, trello and explain Kanban 1:1.
* [WB] Learn PHP with [RS] and get demo website up on Mi-Linux.
* [AD] dummy data in the database, give [WB] permission.