Agenda

* [AP] & [MM] To demonstrate full WiFi connectivity, features and limitations.
* [RS] & [IH] To demonstrate new BootStrap front end.
* [WB] To clean up and streamline original website script to implement into new website.
* [AD] Present information regarding database security and potential avenues to meet feature requirements.

Minutes

[AP] & [MM] set up unit and demonstrate connection to web via small webpage. Information from Arduino can now be sent via the internet to a web browser. Information can also be received. This was demoed by [MM]’s use of LED. [AP] Is confident in editing the code to suit our needs and remotely control the motors operating the valve. He is commencing production of the valve. [MM] Suggests use of lateral motion stepper motor, [AP] agrees and states the individual control will be easier, in addition he has prior experience.

[WB] & [RS] Request the test code to see if they can work with it, to which they can. The script is standard Javascript, [AP] say’s it wasn’t the only way, but the easiest way. [WB] agree’s it’s best to keep it simple.

[IH] Demonstrates new website based on BootStrap. Website is met well, [WB] brings up the use of graphs and visual data, [IH] agrees that it’s important to utilise data as a unique selling point. [AP] is tasked with created a live data feed. [RS] explained website uses grid based div placement with adaptable styling to allow the website to change based on user’s device. [MS] adds this as another USP setting us apart from the other groups.

[WB] States that the new front end means that his prior code will need to be cleaned up and reimplemented in a readable manner. [IH] replies this is correct and tasks [WB] and [RS] to clean prior code and implement it onto the site based on tools and [IH]’s guidance.

[AD] presents various database script sort through dummy data and implements them to his own web server. [IH] brings up that the .php extension on the files will play havoc with the BootStrap engine that uses .html. [AD] retorts that’s the .php extension is required for his implementation. [IH] kindly requests him to research if there are any other ways of implementing the queries cleanly.

Goals for next meeting.

* [MM] & [AP] To install motor laterally and attach it to the valve.
* [AP] To research safety mechanism in regard to valve.
* [RS] & [WB] to port original open/close valve code to new website.
* [AD], [MS] & [IH] to research and implement if possible other ways of creating a dynamic SQL table within a HTML document.