Smart Home Current update status

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Dario Bosnjak

I was able to finish setting and fix the bugs in the serial communication between the Arduino MCU that was in charge of communicating with the sockets. I am able to clear the buffer and only receive one set of data upon every request that is made. Issue was due to fact that I was requesting the information two times and only clearing the buffer once on the beginning, not at the end. I am still asking for the command to be executed twice to grab the information about the power but I am also clearing it twice. I finished both relay circuits and I am able to compare the values between the moisture sensor and the light sensor to determine when the water sprinkler system will turn on. I have also cleared the code to monitor the digital line where the MCU that is controlling the lights is sitting and I am able to turn the lights on per the MCU's positive 5v that is received. So far everything is ready to be demoed on the demo day, I have set up my side of the project to be demoed on Friday. Now I am just working on clearing the server code with the rest of the team to make the user interface look nice.

TODD

LEVI

CHRISTOPHER