Present: Mack Hall, Jorian Bruslind, and Zach Bendt

Absent: N/A

ECE 342

3/7/19

Week 9 In-Class Group Meeting Notes

* System-wide checkoff went great last Friday (3/1)
  + Client was overall happy with product
    - Retroactively added some additional documentation at request of client
* Finalizations of project are underway
  + Fixed minor interaction issue with plug 3
    - Initially thought it was problem with microcontroller
      * Problem persisted when trace routed to another pin
    - Transistor ended up being bad, and subsequently replaced
      * Gave brownout warning and core panic when interacting with plug
  + WiFi GUI has undergone minor upgrades
    - Now shows calculated power drawn by each plug
      * Includes a graph to show power draw over time
  + Meeting with Scott to look over I2C code (3/7)
    - * I2C sensor still giving strange current values
        + Very strange, as the voltage readings are accurate
  + Case has undergone minor upgrades
    - Dimensions have been stretched 3mm
      * Allows for more room to fit transformer in more comfortably
        + Makes for easier assembly/disassembly
* Group meetings plan to continue every Thursday
  + Communication frequency and quickness in Slack and in-person discussions are satisfactory and should be continued
    - Any additional questions/comments/concerns are highly encouraged to be asked through these channels
  + Video script is near completion, will be completed on Thursday meeting
* Next steps
  + Shoot/edit video showing system working
    - Further develop and finish script/storyboard
  + Try to fix final app bugs
  + Try to fix I2C communication between current sensor and mcu
    - Potentially re-bias sensors
  + Further develop and finish poster
  + Finish polishing documentation