Meeting Minutes 1/21/15

In attendance: Phu Nguyen, Chelsea Throop, Trevor Conant, Saida Akhter

Meeting Agenda:

* Confirming individual task assignments
* Project schedule
* Project proposal for sponsor

Item #1

* Project proposal
  + Confirm with Siderius 1/26 at 630 proposal
    - Trevor will contact
  + Powerpoint presentation
    - Practice presentation after meeting with Siderius at 2 1/23
    - Split powerpoint
      * Chelsea - intro/concept/improvements
      * Saida – hardware section
      * Trevor – Hardware
      * Phu – Software

Item #2

* Tasks
  + Saida
    - MCU selection: atmega328p, will give us other options, have not looked at other manufacturers
      * Did some GPIO testing with atmega
    - RTC: has not looked into separate RTC, will look tonight
  + Trevor
    - Found MUX selections
    - SD socket research
    - Prototype SD card change
    - Email Siderius about parts
  + Phu
    - Overall gui algorithm
      * Sent that out in previous email
    - C/C++ to implement code
    - Next step, hardware interface to determine code
    - Draft GUI
  + Chelsea
    - TASCAM Button interface
      * Electrical signals output by buttons
    - TASCAM interface algorithm
    - Start template for presentation

Item #3

* Project Schedule
  + Basic outline of schedule
    - Individuals will have determined rough schedule for assigned tasks
    - Overall schedule will be created during presentation practice time

Immediate Action Items:

Saida:

* Continue work on MCU
* Selection of RTC
* Interrupt interface between the two
* Update presentation powerpoint with her section of slides
* Determine outline of schedule for her tasks

Trevor

* SD socket research
* Update powerpoint with section
* Outlined schedule of given tasks
* Acquisition of MUX and sockets
* Prototype
* Acquisition of second TASCAM/ possible 3rd TASCAM
* Confirm proposal date

Phu

* Continuing work on GUI algorithm
* Update powerpoint with section
* Outlined schedule of given tasks
* Rough draft of GUI implemented with C/C++
* Once hardware interface is determined, begin work on including in software
* TASCAM user interface

Chelsea

* Work in lab with TASCAM determine electrical signals output by button interface
  + SD card socket output if possible
* TASCAM user interface steps
* Begin powerpoint template and selected slides
* Schedule template and outline of schedule of assigned tasks