111814 Meeting Minutes

3 PM – All members in attendance: Luis, Carlos, Jeff, Chelsea, Saida

Meeting Agenda

* HW 6
* Build Box
* Code Updates
  + 2 known bugs
* Build boards and controllers (individual task)

HW 6 – Test Plan

* Come up with two full individual test cases
  + Test case: Verify controller/LCD
    - Set up – Press start
      * All buttons read out button symbol on LCD
  + Test case: EEPROM
    - Make sure user entry is saved correctly
  + Test case: Solenoid
    - Actuate some duty cycles measure temperature
  + Test case: LCD Background color test
    - GPIO test
* To be tested:
  + Voltages
  + Controller
  + LCD

Code update – Two Known Bugs

* Action items are assigned to Carlos
  + Known Bugs - 2
    - EEPROM
      * Time Out
      * ROM Message

Build Boards and Controllers

* Action items are group oriented
  + Controllers may require assistance of Carlos
  + Jeff will bring Ethernet cable and strip
  + Carlos will help with wiring
  + Luis will assist Carlos with controllers
  + Some time middle of next week 11/26?

Box Building

* Jeff and Luis have discussed connectors
  + DC power jack
  + Ethernet jack
  + Connectors will be accessed outside of box
    - Jumper wire will connect to inside IC
  + Luis will prototype both connection ideas for box
* How to lock with solenoid
  + Lock pointing up along left wall
  + Door will have block with hole for lock to insert into
    - Door will be drop door
    - Solenoid will be stationary

Immediate Action Items

Chelsea: Test Plan due Monday

Luis: Hinges, help with controller, box connectors etc

Carlos: Debug code, controllers, solder board

Jeff: Solder with Saida, BOM maintance

Saida: Solder, begin presentation outline/ rough draft