# NES Lockbox Meeting Minutes

### 11/4/14

### Attended by: Luis Santiago, Carlos Mariscal, Jeff Alcoke, Chelsea Throop

### Absent: Saida Akhter

## To Do:

* Board Review
* Preliminary Box Design
* HW #4 – Schedule
* Full Prototype

## Critical Path

* Board Review
  + Switch Power Supply?
    - Justification of selected power supply
      * Why is Andrew concerned?
      * Test Power Supply with prototyped board
    - Test Plan for LDO – ECD: 11/5

1. Draw 600 mA 2 min
2. Idle Test 100 mA 10 min

Pass: Not Hot Fail: Ouch!

* Test Pads
* SDA/SCL
* Power and ground are included in header
* Power, ground, and reset to LCD – JP3
* LCD Backlight near transistors
* Review Drill Size
  + Board mounting
  + Component through-holes
  + HW #4
    - Schedule
    - Rough Draft will be completed by EOD 11/6
      * To be included in Schedule
  + Board Layout: 11/8
  + LDO: 11/5
  + Box Design (Rough Dim): 11/14
  + Boards Back: 11/17
  + HW #4: 11/10
  + Full Prototype: 11/14
  + Box Hardware: 11/17
  + First Board Solder: 11/21
  + Testing Hardware/Code: 11/21
  + Immediate Action Items
    - Jeff: Complete Final Board Layout Friday 11/7
    - Carlos: Justifying LDO, Begin full board prototype
    - Luis: Double check eagle footprints and drill holes,

print strings to LCD

* + Chelsea: HW #4, add to get for review, finish final revision
  + Saida: Make function to display to LCD