

WEEKLY REPORT

Date: 3/25/13 (After Spring Break)

Group Name: DEC13-10

Client/Advisor: Dr. Zambreno

Members: Matt Dresser, Jordan Jacobson, Riley Swindell, Allison Thongvanh, Blake Vermeer

✓ **Past week accomplishments**

- ❖ A: Blake researched further base prototyping and improving transmitter circuit
- ❖ B: Riley completed research and order of LCD touch screen
- ❖ C: Jordon got atom board, memory, SSD and power adaptor
- ❖ D: Matt and Allison built base prototype #1

✓ **Plan for coming week**

- ❖ A: (Allison) Order belts and gears
- ❖ B: (Riley) Get touch screen working
- ❖ C: (Jordon) Figure out which OS to use on the
- ❖ D: (Matt) Prototype piece with receiver
- ❖ E: (Blake) Research drivers and stepper motor controllers

✓ **Pending issues**

- ❖ A: Chessboard design (how big should the squares be, how much space should be between the playing space and space for pieces out of play)
- ❖ B: Base design (Need the implement and test belts with servos and stepper motors in action)
- ❖ C: Atom board (Which OS to use and how it will interface with the base)
- ❖ D: Software (Create prototype where a game can be played on some platform)

✓ **Individual contributions**

- ❖ A: Matt – Built physical chess base, worked on board layout for electronics pieces
- ❖ B: Jordan – Install drivers and everything required to run atom board
- ❖ C: Riley – Touch screen order and OS research
- ❖ D: Allison – Built physical chess base, further researched base prototypes
- ❖ E: Blake – Transmitter circuit design and testing

✓ **Individual hourly contribution**

- ❖ A: Matt – 5
- ❖ B: Jordan - 8
- ❖ C: Riley - 3
- ❖ D: Allison – 5
- ❖ E: Blake – 4