

WEEKLY REPORT

Date: 3/11/13

Group Name: DEC13-10

Client/Advisor: Dr. Zambreno

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

✓ **Past week accomplishments**

- ❖ A: Matt and Blake designed transmitter able to power microcontroller, full-bridge rectifier, and IR LED
- ❖ B: Riley narrowed touch screen selection to two screens and sketched interface
- ❖ C: Jordon
- ❖ D: Allison worked on AutoCAD design of prototype, updated project plan, and started design document

✓ **Plan for coming week**

- ❖ A: (Allison) Work on physical base
- ❖ B: (Riley) Purchase LCD screen
- ❖ C: (Jordon) Get a game running from the Raspberry Pi
- ❖ D: (Matt & Blake) Scale transmitter circuit

✓ **Pending issues**

- ❖ A: Chess piece design (How should we fit the receiving coil and magnet in the piece? How and where will we make them?)
- ❖ B: Base design (Should we make it wider or taller to fit the electronics for the AI and interface?)
- ❖ C: Touch screen (Choose one that will serve the prototype and finished product)

✓ **Individual contributions**

- ❖ A: Matt – Transmitter circuit design and testing
- ❖ B: Jordan – AI on IC testing
- ❖ C: Riley – Touch screen research
- ❖ D: Allison – CAD for prototype, project plan, design document
- ❖ E: Blake – Transmitter circuit design and testing

✓ **Individual hourly contribution**

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