CPRE 492 WEEKLY REPORT
MAY15-25
Report 3

Advisor: Lee Harker
Client: Lee Harker / Department of Electrical and Computer Engineering
Project Title: CyLocker Access System

Group Roles

Team Leader ->	Nathan Castek
Team WebMaster ->	Corey Coazzato
Team Communicator ->	Nathan Lafferty
Team Key Concept ->	Priyank Patel
Team Technical Leader ->	Mohammad Syazwan

Report Summary

Accomplishments

Testing circuitry
Researched data models / MCU data

Meeting Minutes

Date: 2/10/15
Duration: 25 minutes
Attendance:

Nathan Castek
Nathan Lafferty
Mohammad Syazwan
Priyank Patel
Corey Coazzato

Summary:

By Spring Break, need to be 99% done with project
self-assigned goal

Progress Impediments

Some circuits are not working as expected
Corey needs to figure out "Red LED"

Castek will research transistor circuits
Priyank needs to look into voltage monitoring

Individual Contributions

(Name)   (this report, total)

Castek: **5, 9.5**
- Tested circuits in lab (2)
- Discovered what still needs to be done (1)
- Research on transistor pull up circuit (1)
- Meeting with Lee and Group (1)

Corey: **2.5, 7**
- Tested circuits in lab
- Researched battery level reading

Lafferty: **5, 8.5**
- Started data models mockup (1)
- Wrote prior weekly reports (1.5)
- Talked to Lee to get raspberry pi 2 ordered (1)
- Weekly Report (1)
- Researched mysql for Rasbian OS (0.5)

Priyank: **4.5, 8.5**
- tested circuits in lab (2)
- researched on battery status (2)
- meeting with Lee (0.5)

Mohammad: **4.5, 8.5**
- PCB Design for LCU (2)
- "Done" with LCU
- Tested circuit in lab (2)
- weekly meeting (0.5)

Plans

Corey:
- Fix voltage reading, can read above 5 volts not below
- Change sleep functions from 10 to 5
- Research pin to turn on servo

Lafferty:
- Get raspberry pi 2, install rasbian
- Install mysql
- Test python scripts

EEs:
- Solving circuitry issues
  - Transistor circuit
  - Voltage monitoring circuit
- Review PCB design w/ Lee
  - Ask about how to mount servo w/ LED on the PCB