

CPRE 492 WEEKLY REPORT

MAY15-25

Report 2

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

Met with instructor

Discussed Security Implementation

Assigned work

Accomplishments

Meeting Minutes

Date: 1/20/14

Duration: 25 minutes

Attendance:

Nathan Castek

Nathan Lafferty

Mohammad Syazwan

Priyank Patel

Corey Coazzato

Summary:

Security implementation is lacking

Instructor thinks we may have an easy project

Very easy to add more features in later if necessary

Discussed accomplishments of previous weeks and assigned work accordingly

<https://docs.google.com/a/iastate.edu/document/d/1fcUeg1nXgqBHbKRAiw7sKj4nASK-xh-pfWA15AEkQg0/edit>

Progress Impediments

N/A

Individual Contributions

(Name) (this report, total)

Castek: 3.5, 4.5

- reviewed 491 material in preparation for meeting with instructor (1)
- investigated how batteries lose charge (2)
- weekly meeting (0.5)

Corey: 3, 4.5

- Programmed the Atmega to read battery voltage
- Programmed Atmega and Xbee sleep time interval

Lafferty: 2, 3.5

- Report (1)
- Researched MySql for rasbian OS (0.5)
- Looked into data models (0.5)

Priyank: 2.5, 4.0

- meeting with instructor (1)
- help with PCB (1)
- weekly meeting (0.5)

Mohammad: 2.5, 4.0

- meeting with instructor (1)
- weekly meeting (0.5)
- PCB design (1)

Plans

Corey:

- Do research on XBee dynamic communication

Lafferty:

- Draw out data models

EEs:

- Investigate battery monitoring issue