

CPRE 492 WEEKLY REPORT

MAY15-25

Report 8

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

Coming very close to finalizing
MCU needs a lot of work put in to finalize design
LCU design is finishing

Accomplishments

Priyank started his coursework
Raspberry Pi Model 2b+ development started
LCU PCB changes

Meeting Minutes

Date: 4/7/15

Duration: 30 minutes

Attendance:

Nathan Castek
Nathan Lafferty
Mohammad Syazwan
Priyank Patel
Corey Coazzato

Summary:

Almost done with semester, remaining tasks:

Poster will be assigned out this week

Goal Finish Date: 4/14/15

Due Date: 4/19/15

Final Design Document assigned out 4/15/15

Goal Finish Date: 4/24/15

Due Date: 4/28/15

MCU Requirements:

Setup python / bash scripts to call database functions

Goal Finish Date: 4/10/15

Setup packet ACKT commands and READ data from LCU

Goal Finish Date: 4/10/15

Setup dynamic database communication (read locker id from packets, perform logic)

Goal Finish Date: 4/17/15

Order LCD & Keyboard

Goal Finish Date: 4/10/15

Setup GUI / CLI for Users/Administrators:

Goal Finish Date: 4/17/15

Figure out Wall Mount:

Goal Finish Date: 4/20/15

LCU Requirements:

Battery Header pins

Goal Finish Date: 4/8/15

Test locker unlocking

Goal Finish Date: 4/7/15

Define Cooking Process

Goal Finish Date: 4/20/15

Progress Impediments

N/A

Plans

Corey:

- Work with Lafferty to setup ACKT and LCU <-> MCU formal communication

Lafferty:

- Assign out poster work
- Design poster
- Finalize MCU designs (above)

Everyone

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Priyank:

- Finish Battery Header Pins

Muhammad:

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Castek:

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