

# CPRE 492 WEEKLY REPORT

**MAY15-25**

## Report 7

**Advisor:** Lee Harker

**Client:** Lee Harker / Department of Electrical and Computer Engineering

**Project Title:** CyLocker Access System

### Group Roles

<b>Team Leader -&gt;</b>	Nathan Castek
<b>Team WebMaster -&gt;</b>	Corey Coazzato
<b>Team Communicator -&gt;</b>	Nathan Lafferty
<b>Team Key Concept -&gt;</b>	Priyank Patel
<b>Team Technical Leader -&gt;</b>	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:** 3/3/15

**Duration:** 15 minutes

**Attendance:**

Nathan Castek

Nathan Lafferty

Mohammad Syazwan

Priyank Patel

Corey Coazzato

### Summary:

Discussed last week's accomplishments

Discussed goals for next week

Spring Break is in two weeks, need to be done with final designs by then (self-imposed deadline)

### Progress Impediments

Lafferty - Cannot get into old files from old raspberry Pi, osx can't read the image file  
Easy to work around

## Individual Contributions

(Name) (this report, total)

**Castek:** 6 , 26

- LCU Case Picked (1.5)
- Currents measured for new power consumption numbers (1.5)
- PCB design configured to fit in case (1)
- Measurements for holes in PCB made (2)

**Corey:** , 10

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**Lafferty:** , 14

- Started coding python libraries (5)
  - Data Access Layer
  - Locker object
  - User object

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**Priyank:** 3, 18.0

- Finished training class (2)
  - did some practice with software
- Helped with PCB design (1)

**Mohammad:** 3, 19

- measured holes for PCB (1)
- designed PCB to fit in case (1)
- updated components of PCB with the surface mount parts (1)

## Plans

**Corey:**

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**Lafferty:**

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**Everyone**

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**Priyank:**

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**Muhammad:**

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**Castek:**

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