EE/CprE/SE 491 WEEKLY REPORT XY

Feb 13 – Feb 19

Group number: 3

Project title: Small Equipment Locker

Client &/Advisor: Matthew Post

Team Members/Role: Laura Mejía, Ben Johnson, Camille Cramer, Ainara Machargo del Rio, and Jon González

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same. However, please remove everything that is in a bracket from your final submission. These are just part of the template and need not be a part of the report.)

o **Weekly Summary**

The team met with Matthew Post and Jacob Grundmeier on Tuesday after class. We got a chance to meet Jacob, and everyone got the opportunity to ask as many questions as they wanted regarding the web application the team is going to be working on. After we met with Jacob, Mr. Post and the team came to an agreement of not having a meeting next week so that the team has time to start working on the design of the webapp. On Thursday, Ben and Camille met with ETG staff to learn more about the python API they have developed for us to use with the locker hardware. Our next steps are to begin designing the webapp and overall system.

o **Past week accomplishments** *(Please describe/summarize as to what was done, by whom, when and, collectively as a group. This should be about a paragraph or two in length. Bulleted points are acceptable as well. Please keep only your technical details related to your project. Figures, schematics, flow diagrams, pseudocode, and project related results are acceptable, but please ensure that they are legible (clear enough to read) and to provide an explanation. If researching a topic, please add a few details about what was learned and how it is relevant to the project. If two or more people worked on a single task, be sure to distinguish how each member contributed to the task. Specific details relating to the assistance provided to other members may be included here. **Do not include classwork, such as individual reflection assignments, and group meetings as part of your duties.**)*

- Jon González: Continued on studying HTML and JavaScript syntax in preparation for the frontend side of the project. Looked into how the team can use AdminLTE Bootstrap for the web application.

- Ben Johnson: Met with ETG staff about the python API they have developed to interact with the hardware. Downloaded the python repository from GitLab and started playing

around with it to understand how best to use it for our project. Researched best practices for system design and began high level API design.

- Ainara Machargo del Rio: Kept in contact with advisor. Reviewed Laravel after meeting with Jacob and Matthew, and downloaded the repository from GitLab.
- Camille Cramer: Planned out next team meeting. Met up with ETG staff about the python API they developed for the locker system. Started planning out what order everything needs to done to talk about at next team meeting.
- Laura Mejia: Reviewed the template provided by Jacob Grundmeir and developed front-end ideas.

o **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*
- Jon González: No issues pending, will start working on a "rough draft" for the front-end of the web app as soon as possible.
- Ainara Machargo del Rio: Looking forward to the team meeting this week to finally get hands-on with the project and to discuss with our team what we are going to get ready to demo on the 7th of March.

o **Individual contributions** *(Creating this section is optional, but it is **Required to include the "Hours Worked for the Week" and their "Total Cumulative Hours" for the project for each member somewhere relevant in your report. Your individual weekly hours should be at a minimum of 6-8 hours for this course. So please manage your time well. Also, ensure that individual contributions support your claim to the weekly hours. Be honest with the reports.**)*

NAME	Individual Contributions *(Quick list of contributions. This should be short.)*	Hours this week	HOURS cumulative
Jon González	• Reviewed HTML and JavaScript syntax. • Researched on AdminLTE Bootstrap, thanks to Jacob's recommendation.	3	11
Ben Johnson	• Met with ETG staff about python API • Downloaded python repo to test API • Began planning Pi backend	4	12
Camille Cramer	• Met with ETG staff about python API • Researched the tools Jacob recommended • Started planning backend implementaion	4	11
Ainara Machargo del Rio	• Maintained communication with Matthew Post (advisor) • Downloaded repo • Read up on Laravel	4	11
Laura Mejia	• Downloaded Laravel and Visual Studio on my computer. • Created an app and tried to implement the AdminLTE template but got some errors that I'm still working on.	3	10

o **Plans for the upcoming week** *(Please describe duties for the upcoming week for each member. What is(are) the task(s)?, Who will contribute to it? Be as concise as possible.)*
- Since we will not be meeting with Mr. Post this week, we plan to start working on the webapp as soon as possible. We aspire to be able to show Mr. Post that we've started working on the project and that we are on track to having a prototype by December.
- We will meet as a team on Tuesday and start designing our software. We would like to have a demo for our client a week from Tuesday.