EE/CprE/SE 492 WEEKLY REPORT 01

August 17th – August 30th

Group number: 12

Project title: Fleet Monitoring System

Client &/Advisor: Lofti Ben Othmane

Team Members/Role:

Lorenzo Chavarria − Front End

Marco Yepez − Embedded Device

Nicolas De La Cruz − Server & Database

Joe Herrera − Mobile Development

Bi-Weekly Summary

This week all team members started reviewing the work that we had in the spring. We used this time to get back to reviewing what needs to be done and set a plan of when to meet and what needs to be done. Nicolas was able to connect to VM and re-boot up the services implemented from last semester. Marco started to figure out why the OS crashed from and contacted ETG for help. After talking to our advisor, we agreed that we would use other's 339 OS from previous students. Lorenzo reviewed the work done on the web application last year. After meeting with our advisor, web-application might be less priority and might have to focus on another part of the project.

Past Week Accomplishments

- Marco
  - Contacted ETG regarding corrupt OS
  - Started to attempt fix for OS and configure fleet management system
- Nicolas:
  - Started the microservices
  - Removed old API version
- Joe:
  - Set up workspace
  - Set up android app on phone
  - Met with advisor
- Lorenzo:
  - Set up up project
  - Reviewed work from last semester

Pending Issues

Individual contributions

Name	Contribution	Hours This Week	Hours Cumulative
Marco Yepez	Identified issue with raspberry pi and started fix for OS	3	3
Joe Herrera	Set up a workspace and installed the app on the android	3	3

	phone.		
Nicolas De La Cruz	Started microservices and removed the old API version	3	3
Lorenzo Chavarria	Reviewed code on a web application from the Spring and set everything up.	3	3

Pending issues

Marco

- OS is currently corrupt -- does not boot

Joe

No issues at the moment.

Nicolas:

No issues at the moment.

Lorenzo:

- More clarification on web application priority.

Plans for Upcoming Week(s)

Marco

- Completely fixing OS so it can boot correctly
- Downloading and configuring VPN so the pi can connect to ISU's server

Joe

- Figure out where we left off on with the android application and come up with a plan on what we should do next as a team (Upcoming features)

Nicolas

- Develop broadcasting socket

Lorenzo

- Find out if I should work on the web application or if I should work on a different task.