EE/CprE/SE 491 WEEKLY REPORT 01

January 20th, 2020 – February 2nd, 2020

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 & Team Leader

Bi-Weekly Summary

For this report, we chose the project that we are going to work on and we established our team. The project is called Fleet Monitoring System and our client is Lofti Ben Othman. The objectives for this week were to meet with our stakeholder and discuss the project. We also wanted to start discussing how we should start doing our project.

The tasks that we were able to complete include meeting with our stakeholder a few times and we were able to look at the old code for our project. We were also able to have a few meetings as a team and discuss roles. Weekly meetings with our stakeholders and team were also set up.

Individual contributions

Name	Contribution	Hours This Week	Hours Cumulative
Marco Yepez	● Met with stakeholder ● Reviewed previous students work	6	6
Joe Herrera	● Met with stakeholder ● Reviewed previous students work	6	6
Nic De La Cruz	● Met with stakeholder ● Reviewed previous students work	6	6
Lorenzo Chavarria	● Met the stakeholder ● Reviewed previous code	6	6

Pending issues

Marco

- No hardware yet -- it is being setup

Joe

- No issues

Nicolas:

- No issues

Lorenzo:

- No issues

Plans for Upcoming Week(s)

Marco

- Set up CAN hardware on vehicle
- Investigating what improvements can be done to the embedded systems

Joe

- Research why Flutter could lead to issues down the line (bloated, leading to performance issues).
- Set up CAN hardware on vehicle

Nicolas

- Review database options
- Set up database and server
- Research what other fleet monitoring systems do, what we can do differently

Lorenzo

- Find out what needs to be implemented to web app
- Research other fleet monitoring systems