EE/CprE/SE 491 WEEKLY REPORT 04

September 29th – October 12th

Group number: 12

Project title: Fleet Monitoring System

Client &/Advisor: Lofti Ben Othmane

Team Members/Role:

Lorenzo Chavarria – Mobile Development

Marco Yepez – Embedded Device/Mobile Development

Nicolas De La Cruz – Server & Database

Joe Herrera – Mobile Development

Bi-Weekly Summary

These past two weeks the team worked on making progress of their promised features -- chat and map. Marco worked on creating and connecting the chat application. The chat application is able to send and receive information. Joe and Lorenzo worked on the map feature. We were able to implement a popup window that generates when a vehicle pin is clicked on. This popup window displays what the vehicle id is for the pin that was clicked. Nicolas updated the GPS routes for receiving vehicle GPS location as well as messages POST and GET routes.

Individual contributions

Name	Contribution	Hours This Week	Hours Cumulative
Marco Yepez	Worked on chat application	10	36
Joe Herrera	Worked on the map feature	10	36
Nic De La Cruz	Worked on updating the GPS and messages microservices	10	36
Lorenzo Chavarria	Worked on the map feature	10	36

Pending issues

Marco

- Unable to send data to server from raspberry pi

Joe

- No issues

Nicolas:

- No issues

Lorenzo:

- No issues

Plans for Upcoming Week(s)

Marco

- Transition from API to sockets for chat

Joe

- Expand on the popup window by displaying OBD data for the vehicle that was clicked on the map.

Nicolas

- Transition into sockets for chat and gps

Lorenzo

- Display more data in the popup window for each vehicle.