
EE/CprE/SE 492 WEEKLY REPORT 03

September 14th – September 28th

Group number: 12

Project title: Fleet Monitoring System

Client &/Advisor: Lofti Ben Othmane

Team Members/Role:

Lorenzo Chavarria – Mobile Development

Marco Yopez – Embedded Device/Mobile Development

Nicolas De La Cruz – Server & Database

Joe Herrera – Mobile Development

Bi-Weekly Summary

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 is contacting ETG and other options for a public server to host the microservices on as well as completed the implementation of the GPS call for returning recent GPS location for each car. Marco began the development of the chat feature. He also submitted a ticket to etg for VPN issue. Joe met with Lorenzo and they started on working on the map feature for the Android application. They were able to generate the map and place pins around the map of each vehicle.

Past Week Accomplishments

- Marco
 - Began developing chat feature within the application
 - Submitted ticket for VPN issue
- Nicolas:
 - Researching public servers to migrate microservices out of ISU servers
 - Completed the routes for GPS location feature
- Joe:
 - Worked with Lorenzo on the map feature for the Android application
 - Created the map
 - Map grabs the coordinates from the server and places pins around the map for each vehicle
- Lorenzo:
 - Worked with Joe on the map feature
 - Created the map and vehicle pins

Individual contributions

Name	Contribution	Hours for Bi-Week	Hours Cumulative
Marco Yopez	Began developing chat feature within the application; Submitted ticket for VPN issue	7	16
Joe Herrera	Worked with Lorenzo on implementing	6	16

	features on the map.		
Nicolas De La Cruz	Implemented GPS recent location for maps feature.	6	15
Lorenzo Chavarria	Implemented map feature with Joe.	6	15

Pending issues

Marco

Trouble connecting to ISU network -- solution pending

Joe

No issues at the moment.

Nicolas:

No issues at the moment.

Lorenzo:

No issues at the moment.

Plans for Upcoming Week(s)

Marco

- Complete chat application

Joe

- Make a demo to show our advisor what we have done so far. Work on cross referencing the current logged in user with a vehicle so it will auto focus to their vehicle when the map is opened.

Nicolas

- Complete messages microservice for android chat feature.

Lorenzo

- Continue to work on the map feature with each user and their correct vehicle. Work on out-focus and pop-up information on each car on the map.