

sdmay23-14: Mobile Vehicle Cybersecurity Using a Secure Bridge

Week 5 Report

October 22 - October 28

Team Members

Josue Torres — *Developer*

Ryan Campbell — *Developer*

Cody Stricker — *Developer*

Levi Jansen — *Developer*

Drake Ridgeway — *Developer*

Riley Lawson — *Developer*

Ryan Scehovic — *Developer*

Summary of Progress this Report

Most of our time this week was spent researching and testing code. We were looking into different libraries that we wanted to use and get accustomed to how the different encryption/decryption algorithms needed to be implemented. We've also been discussing strategies related to how we can secure the data and meet the different technical requirements, so evaluating the best approach to that is an ongoing process each week.

Pending Issues

We need to finalize our next meeting time but know it will be this weekend or early next week. We have no other issues.

Plans for Upcoming Reporting Period

We plan to continue working on developing code and get a working encryption/decryption program for using AES-128, so that we can then test it on a simulation of a CAN network.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Josue Torres	Research & Testing	3	
Ryan Campbell	Research & Testing	3	0
Cody Stricker	Research & Testing	3	
Levi Jansen	Research & Testing	3	0
Drake Ridgeway	Research & Testing	3	
Riley Lawson	Research & Testing	3	0
Ryan Scehovic	Research & Testing	3	

Gitlab Activity Summary

Nothing to report.
