sdmay23-10: Prototyping and Testing Embedded Machine Learning in an Application
Week 1 Report
September 23 - September 30

Team Members
Jazz Jacobus — *Member*
Jose Carlos Garcia — *Member*
Benito Moeckly — *Member*
Caleb DeBoef — *Member*

Summary of Progress this Report
This week, we met with Dr. Rover to dig further into the project and the potential uses. While we had an idea of where we were headed with this project, we finalized on the AWS DeepRacer bot. One of these potential goals is to lay the groundwork for a club at Iowa State that will build an autonomous, machine learning vehicle to compete in the AWS DeepRacer league, another is the educational aspect of this project as there currently aren't many opportunities for undergraduate students to gain a basis for machine learning and AI, an area of our majors that could prove to be beneficial to have a background on.

Pending Issues
While no pending issues remain, we will eventually have to define a clear goal for our project.

Plans for Upcoming Reporting Period
- Complete Coursera Course on Embedded Machine Learning.
- Complete the AWS Training module on DeepRacer bot and AWS for storage.
- Learn about the process for ordering a DeepRacer bot from Amazon and research funding options.
- Learn more about the DeepRacer League, such as competition seasons and rules.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Jazz Jacobus	Attended and contributed to team meetings and advisor meeting and contributed to all assignments.	3	
Jose Carlos Garcia	Attended and contributed to team meetings and advisor meeting and contributed to all assignments.	3	
Benito Moeckly	Attended and contributed to team meetings and advisor meeting and contributed to all assignments.	3	
Caleb DeBoef	Attended and contributed to team meetings and advisor meeting and contributed to all	3	0

	assignments.		

Gitlab Activity Summary

Nothing to report.