

Progress Report Week 8  
 Professor Montella  
 Driverless Car Group  
 10/23/20

### Weekly Report

Name	Hours Worked	Activities in current week	Planned Activities for next week
Olivia	4	Trying to fix the scoring method -- bringing in the concept of weights, almost there but not completely	Fix the scoring method by introducing a goal point that the robot follows
Wes	3	Ordered parts, figured out how all parts attach, just need to wait for other parts to arrive	If anyone else needs help this week
Walker	<3	Fresh install of ubuntu, ORB-SLAM dependencies	Run orbslam without ROS
Kingsley	5	Creating functions to represent sensors based on matrix representing sides of a track	Represent track and position of agent with functions relative to world frame instead of matrix and relative to agent. Output and graph intersection of sensor function and sides of track

Team Accomplishments	- Hardware of car working
Current Issues/Challenges and Remediation Plan	- Challenges with scoring, but made a plan w Corey going forward - Q-learning still has issues, confusion with sensor simulation
Planned accomplishments in next week	- Fix scoring method, work on Q-learning model and get a visual