Driverless Car Group

Professor Montella

9/11/20

**Weekly Report**

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| Name | Hours Worked | Activities in current week | Planned Activities for next week |
| Olivia | 2 | Did research on my task, looking more into drifting and ackermann driving. Seems like they don’t compliment each other, not many reliable resources out there about them. Some sources:  --http://forums.turbobricks.com/showthr ead.php?t=291253 --https://www.me.ua.edu/me364/PDF/St eering\_Ackerman.pdf --https://www.driftworks.com/forum/thr eads/what-influence-does-the-ackermanprinciple-have-when-drifting.29526/ | Going to formulate a plan with Professor Montella, and continue to look into Ackermann Steering and drifting in the meantime. |
| Wes | 3 | Picked up equipment from to model the baseplate of the car and started to familiarize myself with 3d modeling | Take measurements and begin design of the baseplate |
| Kingsley | 2 | Researched Q learning, watched videos on AI drifting and how to apply Q learning it to an autonomous car | Apply Q learning in a simple example (a mouse navigating a maze to reach the cheese in a 10x10 grid) |
| Walker |  |  |  |

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| Team Accomplishments | We are all becoming “experts” on various parts of the project, which will eventually all come together |
| Current Issues/Challenges | Just the distance between us all not allowing us to work together, but we are making it work |
| Planned Accomplishments for the coming week | Make more progress with each of our parts |