Intelligent Transportation Systems

Meeting with TA 03/09

horizontal line

09 MARCH 2024 / 4:00 PM / Teams

# ATTENDEES

Alex Cavaco-Donia, James Szymanski, Duncan Waugh, Syed Mostaquim Ali

# AGENDA

## Solidify the Plan

1. A second meeting with the TA to fully understand our goal and plan for the project
2. Ask our final questions to ensure we fully understand the scope of our tasks

## New Business

* Fully define our goals and plans for the project
* Continue the project proposal
* Complete more research regarding our task and how to accomplish the end goal
* Thoroughly analyze all the resources given by the TA

# NOTES

* The project goal is to optimize the traffic flow of a roundabout
* We need to compare the results of all human drivers and having one autonomous vehicle
* Mr. Ali provided more useful resources for code snippets for these conditions

# ACTION ITEMS

1. **Looking into the experiments regarding an autonomous vehicle in all human driving conditions**
2. **Figure out how to implement these conditions using deep Q-learning**
3. **Finish the project proposal**

# NEXT WEEK’S AGENDA

Fully complete the project proposal and start coding