

## **AutoDrive Project Weekly Report - October 11th**

### **1. Fails of the week**

- This past week was spent doing low-risk, low-reward but necessary tasks, so there are no fails to report

### **2. Successes of the week**

- Completed CS + ENP Systems Engineering Diagrams
- Better organized personal responsibilities and how to delegate parts of larger tasks

### **3. Difficulties this week**

- Transitioning from the concept/planning phase to starting to organize research in a usable form and executing on deliverables has been a little difficult

### **4. Goals for next week**

- Investigate behavior restraints for passenger comfort (acceleration/deceleration, corresponding distance-keeping, turn radii)
  - Research and high-level guidelines
  - Calculations
- Create mapping between steering angle and the associated pulse width signal to generate the specified angle.
- Explore and experiment with the CARLA simulation platform