**Minutes of General AutoDrive Meeting for 03/02/2025 - Spring 25 Week 6**

1. **Background**

North Carolina A&T State University (NCAT) participates in SAE International’s student project to develop solutions for tomorrow’s self-driving cars. The NCAT team, Aggies Autonomous Auto(A3) meet on a weekly schedule. The meetings are held to coordinate team efforts towards the successful execution of yearly deliverables. This particular meeting was held both **in-person** on **February 28, 2025** at ERIC Building Room **244/245** for a one (1) hour duration; specifically, from **10:00am -11:00am**. The Agenda of the meeting was set by the team captain.

1. **Attendees**

In attendance for the **February 28, 2025** meeting were the following people:

* Dr. Younho Seong (Faculty)
* Dr. Sun Yi (Faculty)
* Hossam Eldin (Team Captain)
* Clement Alabi (Project manager)
* Byron Hall (Technical Lead)
* Azeez Adamolekun (Technical Lead)
* Yoo Sang Chang (Team Member)
* Francis Logah (Team Member)
* Richard Holdbrook (Team Member)
* Tunji Ademola (Team Member)
* Mawuli Agboku (Team Member)
* Chris Tetteh Nenebi (Team Member)
* Sydney Parker (Team Member)
* Kemani White (Team Member)
* Issah (Team Member)

1. **Agenda**

* Updates from Team Leads
* Open Forum
* Closing Remarks

1. **Main Points of Discussion**

* **Meeting Began** (**10:05am**)**:** Hossam began the meeting by welcoming the team members, and stating the following for other absent team members:
  1. Michael: was working on finalizing code to be integrated int o the vehicle.
* **Electrical** (**10:09am):**
* Tunji stated that vehicle would soon be ready for our scheduled tests. That the electrical wiring would be done by the end of business.
* Oscar also added that the rack has been fixed.
* Tunji stated that there was a problem with the blue light LEDS (they are out of sync), and new ones need to be ordered.
* **Perception** (**10:18am**)**:**

1. Hossam he displayed the chosen area/map for the scheduled test on Saturday, March 1, 2025
2. He stated that the plan was to test algorithms developed by the perception team.
3. Azeez recommended a safety checklist for Saturdays tests
4. ⁠Hossam confirmed availability of the ff team mates for the test
   * Azeez
   * Chris
   * Tunji
   * Clement
   * Mawuli
   * Francis
   * Richard
5. Hossam also confirmed that the object detection model’s transformation matrix had an error and a new model needed to be trained.

* **Route Planning (10:32am):**

1. Byron stated he was working on the A\* algorithm for the HD Map for the lanes file

* **SAFETY** (**10:35am**)

1. The team received clarification on use cases/ scenarios (3) for the report and were required to use pictures and videos as evidence
2. They also recommended extra part for the blue light tech and safety inspection in June.

* **Mobility Innovation (10:40am**):

1. WCX conference comes off on April 9, 2025. The team plans to ship out on April 8, 2025.
2. ⁠Innovation team (Kemani and Sydney) was also currently waiting for the feedback from Winter Workshop and thanked entire team for their efforts.

**Winter Workshop Updates** (**10:45am**)

* Hossam stated the new DBC files will be available for the Winter Workshop as was mentioned during the Q&A session of the Winter Workshop
* He also stated that teams have been given the option to choose between a 2-day test (Wednesday and Friday) and a single day test (Friday only)
* **Meeting Ended (10:50)**