Thesis defense

March 4, 2022

Members : Alexandre Girold, Mickael Bobovitch, Maxime Ellerbach, Maxime Gay.

1 Introduction (Alexandre)

An overall look at our project.
Projet : An autonomous vehicle.
Objective : Make an autonomous car which can race on a given track without human input for direction or speed.

2 Common and individual tasks(Bobovitch)

Common	Alexandre	Maxime.G	Maxime.E	Mickael
T-shirt Organisation	Load and Save Data Data set Logo	Load and Save Data Data Set	Arduino Car control Data Vis Camera	Website Basic car loop

3 Description of the realization of the tasks

- Load and save data(Girold)

- Data Set(Gay)

- Creation of the logo(Girold)

- Arduino(Ellerbach)

- Car control(ELlerbach)

- Data vis(Ellerbach)

- Camera (Ellerbach)

- Website (Bobovitch)

- Basic car loop (Bobovitch)

4 Conclusion (Gay)

- Recap of what we have said.

- Done : Control of the car with a controller and data processing are working flawlessly.

- To do : Working on the AI part of the car to have it working by the next as well as a website for telemetry.