Universiteit Antwerpen

Scientific project – Car to Car Communication

REPORT OF THE 1ST MEETING

Date: 28th of February 2018, 13:45

Location: CGB- US213

President:
Daniel Smetankin
Secretary:
Gauthier de Borrekens

Present group members:
Ali Amir, Asif Wasefi, Satish Singh, Daniel Smetankin, Gauthier de Borrekens

Absent group members:
None

Agenda

1. Follow-up and approval of the report of 21/02
2. Progress of the project
3. Necessary adjustment
4. Setting planning/assignments
5. Agreements for the following meeting:

1.   Follow-up and approval of the report of 21/02
For this session, we each had to prepare an idea and propose them to the tutors. The ideas were:
'Acoustic levitation' by Gauthier, 'Car to car connection' by Satish, 'Smart room/noise cancellation' by Ali, 'RFID security' by Daniel and 'blockchain to achieve medical data security' by Asif.
The tutors recommended going with Car to Car Connection

2.   Progress of the project
The idea is to let two cars know about each other by communicating to a hub. The elaborate concept will be made in a separate report.
We tried to line out the general concepts and tasks to do in five bullets:

- Get the car to work
- Connect the car's IC to our IC which has a wifi module to establish connection
- Choosing and programming the IC
- Setting up the pc server
- Establish connection between server and IC

3.   Necessary adjustments
None

4.   Setting the planning/assignments

For next week we decided it was highest priority we did some research on the topics. Everyone had one topic he had to do a case study on so that we can all give a brief presentation / explanation of our topic at the start of the next session. This ensures that everyone has an idea of every topic of this project

- NodeMCU : Gauthier
- Server : Asif
- Radio control: Ali
- Connection Microcontroller - server : Daniel
- RC Car : Satish

5.   Agreements for the following meeting:

Date next meeting: 7th of March 2018, 13:45
President : Satish Singh
Secretary : Daniel Smetankin

The president concluded the meeting and invited everyone to the next meeting.