



Universiteit Antwerpen

Scientific project – Car to Car Communication

## REPORT OF THE 1<sup>ST</sup> MEETING

Date: 28<sup>th</sup> 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 21/03
2. Progress of the project (according to planning document)
3. Necessary adjustment
4. Setting planning/assignments
5. Agreements for the following meeting: (date, president, secretary)

### **1. Follow-up and approval of the report of .....**

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, president, secretary)**

Date next meeting: 7<sup>th</sup> of March 2018, 13:45

President : .....

Secretary : .....

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