

## **Agenda EMC Meeting #4**

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**Date:** 15-05-2020  
**Time:** 09:00 – 10:00  
**Location:** Online (Microsoft Teams)  
**Tutor:** Wouter Kuijpers  
**Chairman:** Joep Selten  
**Secretary:** Bram Schroeders

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### **1. Opening meeting**

- a. Everyone present?
  - i. Everyone present.
- b. Tutor announcements
  - i. Feedback for the live-event. Besides the music there is not a lot feedback by the group.
- c. Group members announcements?

### **2. Reflection Escape room challenge**

- a. What went wrong?
  - i. There was a bug in the followwall function. The robot got stuck in a certain situation where the nearest wall was directly behind the robot.
- b. Are we still going to fix the issue.
  - i. The group is planning to fix the issue. First an explanation of what went wrong has to be added to the wiki.
  - ii. The communication lacked a bit. For this reason the process got really chaotic in the end. Some agreements were not met. For the hospital challenge the next agreements are made to improve the workflow:
    1. Discussion should end with a clear conclusion
    2. The task division will change a bit. Because we lacked focus on strategy for the escape-room-challenge. The group is divided in two little groups. A group for perception and a group for control. Both groups will get a 'project manager.' These project managers are responsible for the communication between the groups.
    3. The emphasis of the coding work should switch to strategy. Before a part is made in perception or control. It should be clear what is really needed from these parts from strategy.
    4. Information architecture will be more detailed where exactly is stated what information is needed. This will also serve as a list of agreements.

### **3. Wikipedia page**

- a. Needs to be updated more frequently
  - i. The project manager will be the editors of the wikipedia.

### **4. Hospital challenge**

- a. Same information architecture?

- i. Information architecture will stay the same. Maybe some additions will be made.
- b. Do we start from scratch? What can we use from the old code?
  - i. Opencv will be used for the visualization.
  - ii. Research should be done whether local or global coordinates should be done.

## **5. Division of tasks**

- a. Same division as the Escape room challenge?
  - i. Localization techniques research: **Emre & Joep**
  - ii. Updated FSM: **Aris & Pim**
  - iii. Escaperoom challenge: **Stan**
- b. Wiki page
  - i. Wiki-update:
    - 1. Perception: Emre & Joep
    - 2. Control: Bram
- c. Project groups division:
  - i. Perception: Emre, Joep, Bram
    - 1. Projectmanager: Bram
  - ii. Control: Aris, Pim, Stan
    - 1. Projectmanager: Pim

## **6. AOB**

## **7. End of meeting**

- a. **Next meeting: Wednesday 20 may 11:00**
- b. **2<sup>nd</sup> meeting: Friday 22 may 12:00**

**DEADLINES: 3<sup>th</sup> of June, Presentation of final design (~3 weeks)**  
**10<sup>th</sup> of June, Final Competition (~4 weeks)**  
**24<sup>th</sup> of June, Deadline Wiki pages (~6 weeks)**