

Minutes EMC Meeting #10

Date: 16-06-2020
Time: 13:00 – 14:00
Location: Online (Microsoft Teams)
Tutor: Wouter Kuijpers
Chairman: Joep Selten
Secretary: Bram Schroeders

1. Opening meeting

- a. Everyone present?
 - i. Everyone present
- b. Tutor announcements
 - i. No announcements
- c. Group members announcements?
 - i. No announcements

2. Reflection Hospital challenge

- a. What went wrong/right?
 - i. A bug occurred where the localization was a little bit of, because of this PICO didn't know it already was at the cabinet.
 - ii. Wouter told us that PICO finished the challenge the morning of the challenge.
 - iii. Also a situation occurred where we didn't break any links because we only saw two edges in localization.
 - iv. The run on the youtube stream now available, is a different run than the two with stan in de teams call.
 - v. Our code sometimes dropped below 5Hz, for PICO this would be a problem.
 - vi. Don't change the code too much for the wiki

3. What still needs to be done

- a. Video finishing hospital challenge
 - i. We need one video where we complete the whole challenge.
- b. Code snippets – Which code are we proud of?
 - i. Something about concave/convex edges.
 - ii. Waypoints.json file or the parser.
 - iii. Potential field
 - iv. Intersection between lines/links.
 - v. Edgedetect
 - vi. To find out how to post this snippet, check the last mail announcement.
- c. Visualizations
 - i. We need a short text about visualization. Maybe make a scheme where the visualization is used to debug different parts.
 - ii. Make a visualization with potential field.
- d. Wikipedia page – finished before 24th of June 23:59
 - i. an overview of the software architecture and approach used.

1. Make a different section 'Hospital Challenge' and here explain all different parts of the code.
2. Try to use the same software for figures. (LucidChart)
 - ii. how does it map to the paradigms explained in this course?
 - iii. a description of the methods that make your solution work so well, preferably using nice explanatory images (explain what makes your solution unique; what are you most proud of?)
 - iv. which difficult problems were identified, and how were they solved?
 - v. an evaluation of the Hospital Competition: what went well?, what went wrong?, why?, how could it be
 - vi. Check wiki pages of previous years
- e. Planning peer review without tutor – before 26th of June 23:59
 - i. 26th of June 9.00

4. Division of tasks

- a. Everybody writes his own part about the software
 - i. Results of final challenge: Pim / Emre (also video of completing the challenge)
 - ii. Introduction: Bram
 - iii. Information Architecture: Emre
- b. Wiki page

5. AOB

6. End of meeting

- a. Next meeting
 - i. With Wouter: Monday 22th of June 13:00
 - ii. Friday around 13.00 next meeting, try to finish the pieces about the individual software components.

DEADLINES: 24th of June, Deadline Wiki pages (~1week)