

Meeting protocol

Third meeting 15/9/17

Attendance:

Simon Kärrman will be a little late due to another meeting.

All other attending.

Secretary: Jakob Erlandsson.

Moderator: Jakob Wall.

About the demo yesterday:

Alexandra, Jakob Wall, Philip and Sanjin were there. They got the impression they'd come a bit further than most other groups which is nice since it should mean we're on track.

Kenneth liked our progress.

From the product owner:

A question about the distance to the next MOPED came up and the answer was to test the performance of the sensors and work with safety in mind.

We'll see in the future if we're supposed to start in a platoon or not.

The MOPEDs brakes needs to be smooth and not jumpy.

We don't need to be able to reverse.

The camera towards the back of the MOPED could be used to detect the LEDs at the back of the MOPED.

We do not need to focus on making a good GUI for this. We might make an app but that's mostly for our sake and nothing the product owner cares about.

Scrum of Scrums:

All the scrum masters met and talked about their respective groups.

Seems like almost all groups but us have started working on a server for plug-ins.

Only one group had a working server where they could run the simulator but were still unable to install plug-ins.

We will keep working with editing the source code in python for as long as we can.

Retrospective on first scrum:

See Trello for this.

KPIs:

The product owner seemed satisfied with our results.

Our mean value for the tasks appeared to be 4.2.

All measureable results pretty much appeared during the last day of the sprint since that's when we'd learned the MOPED and started coding on it.

This doesn't matter much though since the KPIs are meant to measure how effectively we've worked and not how good our results have been.

We were absolutely not too few people working on this week's sprint.

We were probably a bit too many though, since we might have been able to reach the same results with 5-6 fewer people.

Planning of sprint two:

What is most important to the product owner?

We need to start with updating the product backlog.

From the most recent lecture we learned that a positive and negative feedback loop is highly recommended.

A feedback loop is especially important since the MOPED is not perfect and the braking distances and acceleration speed differs slightly from MOPED to MOPED and depending on the surface.

This sprint should be focused on testing the MOPEDs limits and our limits as a group.

Maybe start looking at the different sensors like the camera and the wheels.

The front sensor gives weird and inconsistent values which is something we need to look into.

Some tasks should be about writing the report so that we don't end up with no report with only one week to go. The report should be somewhat short but high quality. The tasks for this could be sorted according to the course criteria.

Best case scenario is we have a working active cruise control where we can move a book in front of the MOPED and the MOPED adjusts its speed accordingly.

We want a working app to start and stop different scripts so we don't have to do it from the terminal.

These are the six big tasks we can work on this sprint:

- Simple ACC-script
- Make the moped drive in a straight line
- Get more data representing the MOPEDs sensors.

- Report
- Communicating via an app
- Research the camera.

Assign tasks:

See Trello for assignments.

This time our user stories and tasks are more parallel than last week.

ACC means holding a minimum distance but no maximum.

Platooning means also holding a maximum and actually following the MOPED in front.

We make sure to work together in groups rather than working by ourselves. This is because we want to share knowledge and ideas rather than all branching out on their own.

We have four subteams:

- ACC-script (Simon, Anton, Jakob E)
- Sensor data (Jakob W, Philip, Fredrik)
- Report, driving in a straight line (Alexandra, Sanjin, Svante)
- App communication, research camera, git (Joakim, Kevin, Anne)

New scrum master:

Jakob Erlandsson is scrum master for sprint 2. Jakob Wall will give a quick introduction.

Further questions:

Do we want to start the meetings early or do we want to keep to a tighter schedule?

We make sure to break for lunch when we're supposed to.

This monday our "daily" scrum will be earlier because we have a lecture at lunch.