27/10 -23 Startup meeting - Planning report

Short summary:

Discussed how to work together in the best manner possible. Also started breaking down the problem as a first step in creating the planning report. Created a first draft of the timeplan.

Decisions:

• When working on a new feature/task on GitLab, create new branch. When that feature/task has completed on GitLab -> Merge into main.

Discussions (i.e. not yet decided):

• Should we have some basic reviews? I.e. at least one individual checks the code/functionality before we move it to done.

• CI/CD? Should we use it?

Todo:

• Write on the planning report according to the issues created on the issues board.

Next step:

• Present draft of planning report to Karinne (and Stephany?) on Tuesday 31/10. Goal -> Get feedback on the plan.

• Ask Karinne about access to the room booking calendar as well as access to the rooms themselves.

• Do we need to document anything individually?

7/11 -23 Weekly meeting

Mapping and localisation:

Goals for next week:

- Be able to create, save and load maps? -> show video/simulation next week.

Notes:

- Himanshu (?) - Navigation expert from Karinne -> Discord

- Complete tiago tutorial on webpage (https://wiki.ros.org/Robots/TIAGo/Tutorials -> 3.)

- Advanced tutorials - Find in manual git from Karinne -> Remind Karinne tomorrow if we have not received a link

Perception:

Goals for next week:

- Be able to save backfile of sensors. -> Show were we are next week.

Notes:

- Read which topics for the robot. -> Save backfile when we navigate

- docker for tiago\_101 have everything we need to calibrate the robot

- Manual -> Tiago\_x -> Tiago\_101 (Tiago\_x always means Tiago\_101 in our case)

- OpenCV & pointmap tutorials (https://wiki.ros.org/Robots/TIAGo/Tutorials -> 5., 6.)

Overall:

- Pro tip is to understand underlay and overlay (Essentially how the packages are compiled)