Krav til Slutrapport

Robot systembeskrivelse
- Beskrivelse af er setup (robotten, systemet, Matlab, ..)
- Hvilken hw/sw benyttes? (typen af robot, styring mm.)

Princippet for ROS
- Hvordan virker ROS? (services, topics, messages, publisher/subscriber, ..)

Algoritmer – beskriv overordnet jeres algoritmer og hvad de gør
- Motion control
- Motion planning
- Perception – camera algorithms
- Localization
- Mapping

Resultater
- Resultater fra experiments / calculations

Diskussion
- Hvor godt klarer jeres system sig ifht. opgaven?

Konklusion

Rapporten forventes at være på **max 15 sider** (15 ark papir, ikke normalsider).
- I kan vedlægge ekstra materiale som bilag.
- Koden skal også vedlægges.

Sammen med rapporten skal I uploade en video-præsentation af jeres robot under kørsel af ruten – til dokumentation af, at robotten er i stand til at gennemføre ruten, løse opgaverne (finde objekter) og undvige objekter. Videoen må gerne være fra demo-dagen, hvis den var god nok.

Requirements for Final Report

Robot system description
- Description of the setup (the robot, the system, Matlab, ..)
- Which hw/sw is used? (type of robot, control, etc.)

The principle of ROS
- How does ROS work? (services, topics, messages, publisher/subscriber, ..)

Algorithms – generally describe your algorithms and what they do
- Motion control
- Motion planning

- Perception – camera algorithms
- Localization
- Mapping

Results

- Results from experiments / calculations Discussion
- How well does your system perform in relation to the task?

Conclusion

The report is expected to be a maximum of 15 pages (15 sheets of paper, not normal pages).

- You can attach extra material as an attachment.
- The code must also be attached.

Together with the report, you must upload a video presentation of your robot while driving the route - to document that the robot is able to complete the route, solve the tasks (find objects) and avoid objects. The video should preferably be from the demo day, if it was good enough.