

BO19E-15 - Sensor Vehicle ...

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Møter, presentasjoner og innleveri...

0h63%



- Innlevering av forstudie
- Midtveispresentasjon
- Bacheloroppgave seminar
- Innlevering av bacheloroppgave
- Presentasjon av bacheloroppgave
- EXPO / avslutningsfest
- Presentasjon for forkursstudenter
- Bacheloroppgaveseminar

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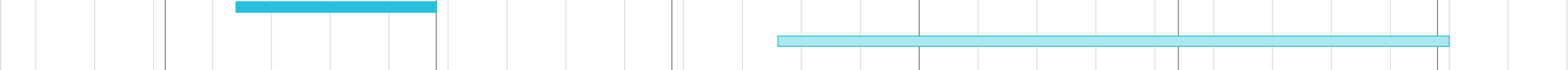
Documentation & Reports

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- Forstudie
- Brukermanual
- Bacheloroppgave
- (hvis tid) Kodeforklaring

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Hardware & Microcontrollers

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- Analog styring av hjul
- Avstandsmåling med ultrayd
- Touch skjerm
- Power distributer
- Sensor Vehicle base functions compl...
- Collision protection
- (if time) Look into possibility for addi...

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Main UWP app

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- Sensor input - LIDAR
- Sensor input - Ultralyd
- Distance klasse (autoselect from LID...
- Vehicle control - Klasse for å sette hj...
- Interface for Eksempel/Student logikk
- Launch simulator if running on PC
- AppService Client
- Improve robustness / code cleanup
- Rewrite code to Async

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Simulator

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- Prework on simulator
- Write or find TiledMap importer/pars...
- Create class for simulating LIDAR
- Configure as AppService provider
- Send LIDAR distance to / receive spe...
- TEST simulator physics against real ...
- (if time) Give option to select maps
- (if time) Create more maps

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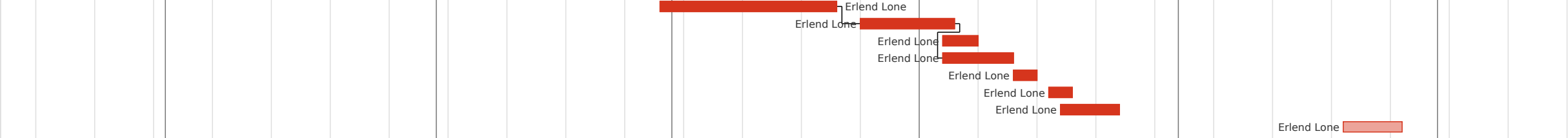
Extras - Streaming

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- Prework on streaming app
- Add streaming possibility
- Add layout of UWP app
- Keep streaming when app is in backg...
- Add functionality from IoT Dashboard
- Add possibility to launch main app
- Remove unused/unnecessary code
- Finish what is marked TODO in code

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Extras - Android

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Example Control Logic / Student ta...

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- Eks. Logikk 01 - Hold midten av kori...
- Eks. Logikk 02 - Right hand search w/...
- (if time) Eks. Logikk 03 - Build map

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Note regarding this Gantt diagram:  
This was mainly created to get an overview of the project during the early stages, and was not used much later on.  
For that reason, the work performed after february/march is not documented here (with the exception of the extras app)