

Beskrivelse av Real-Time prosjekt  
DSA3102-1 20H Intelligente sanntidssystemer

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## Group members

- Stian Onarheim
- Kent Odde
- Tarald Vestbøstad

## Description

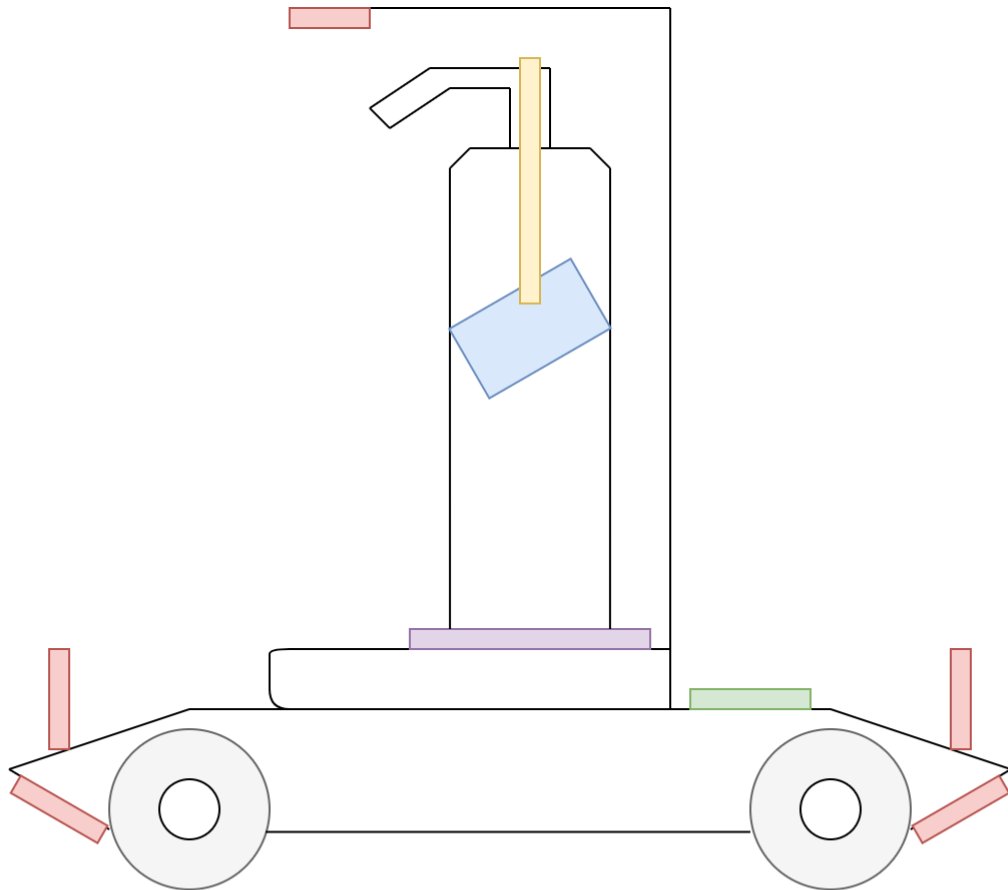
Autonomous vehicle with attached antibac for driving on tables or floor.

Proximity sensors forward/backward and sloped forward/backward.

It has servos to automatically dispense a small amount of antibac if a hand is detected.

It has a pressure plate to detect if the antibac is empty.

## Prototype drawing



Arduino NANO 33  
BLE SENSE



Pressure  
Plate



Rubber Band



Proximity  
Sensor



Servo Motor

## Hardware

- Four wheels
- Chassis
- Wheel steering
- Rear wheel drive
- Weight sensor / pressure plate
- Four or five extra proximity sensors
- Two servos for squeezing antibac

## Budget

Vare	Pris	URL
Antibac	119,9	<a href="https://bit.ly/3hdS8GH">https://bit.ly/3hdS8GH</a>