

The AntibacBuggy

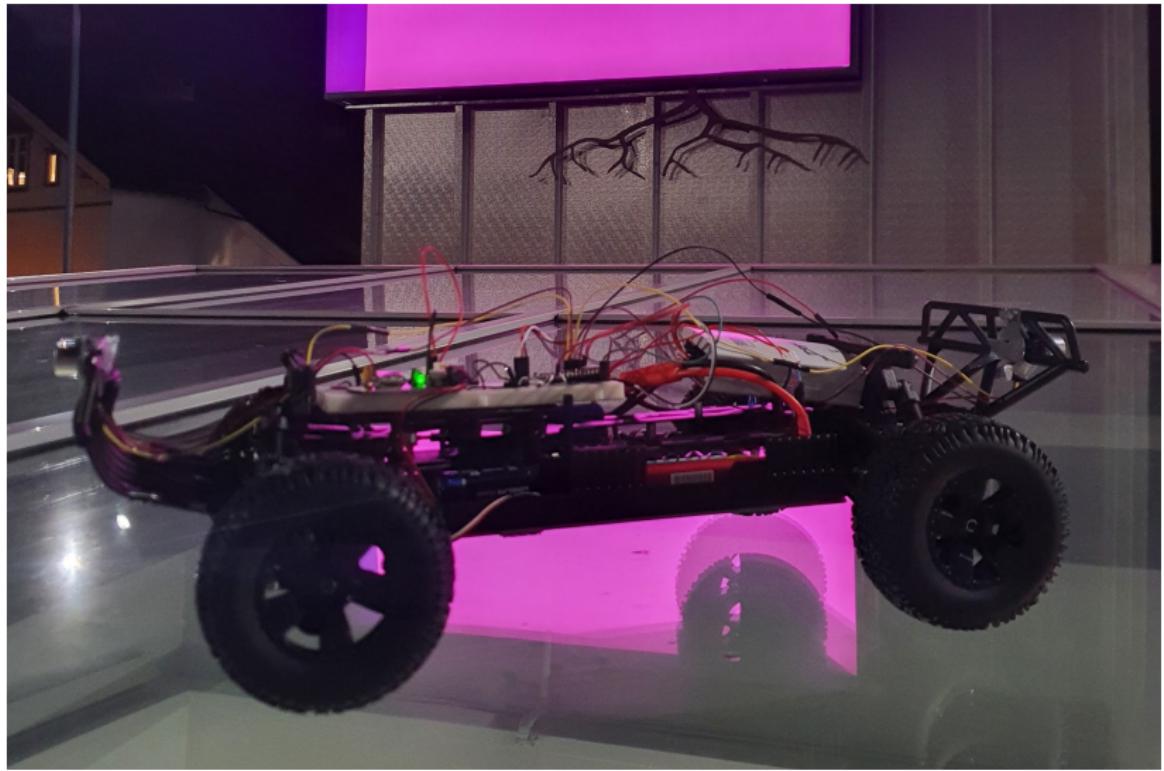
Kent Odde, Stian Onarheim, Tarald Vestbøstad

USN

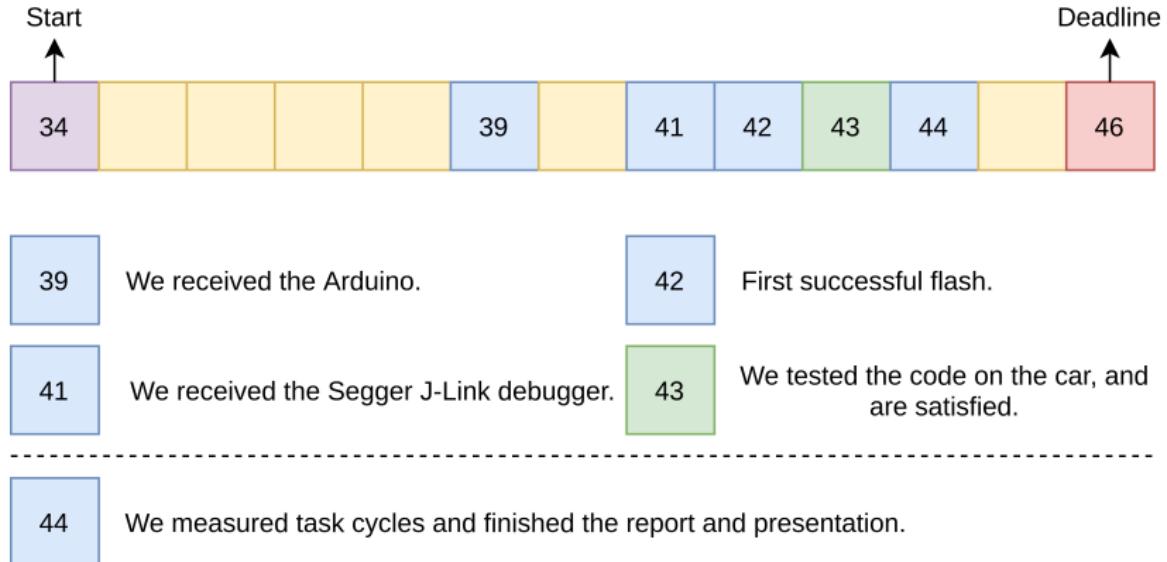
Autumn 2020

Showcase

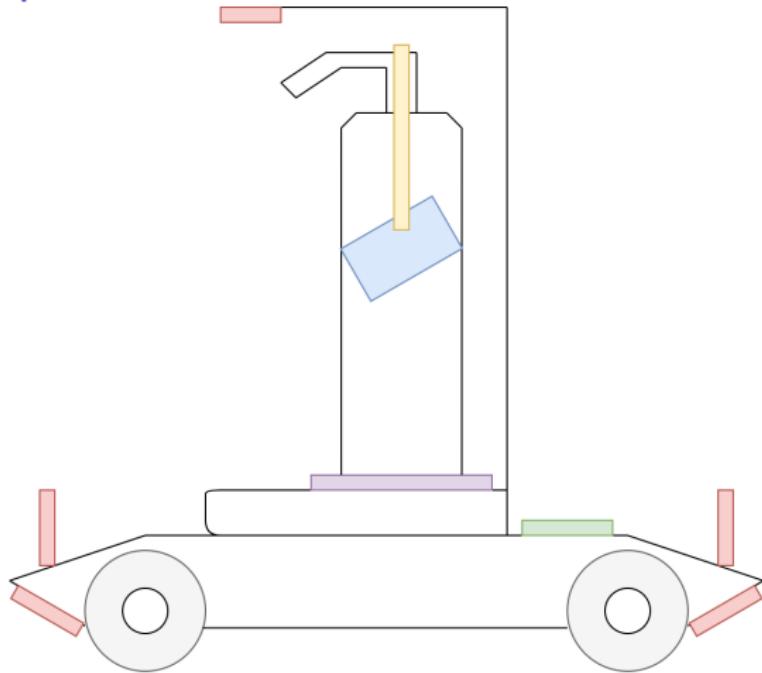
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Timeline



Initial Concept



Arduino NANO 33
BLE SENSE

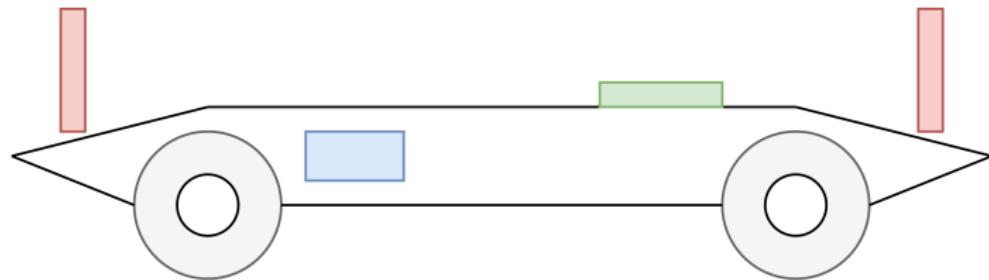
Pressure
Plate

Rubber Band

Proximity
Sensor

Servo Motor

Final Design



Arduino NANO 33 BLE SENSE

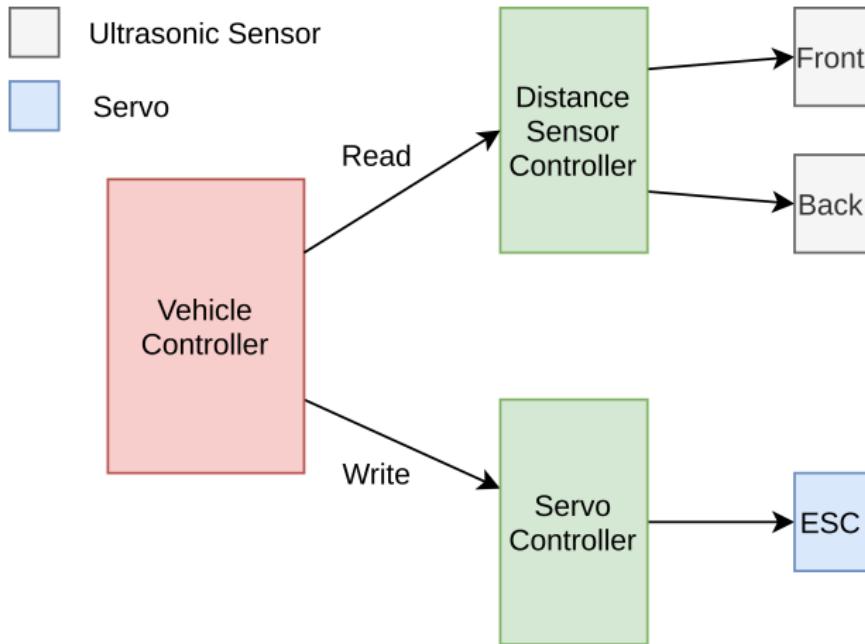


Proximity Sensor

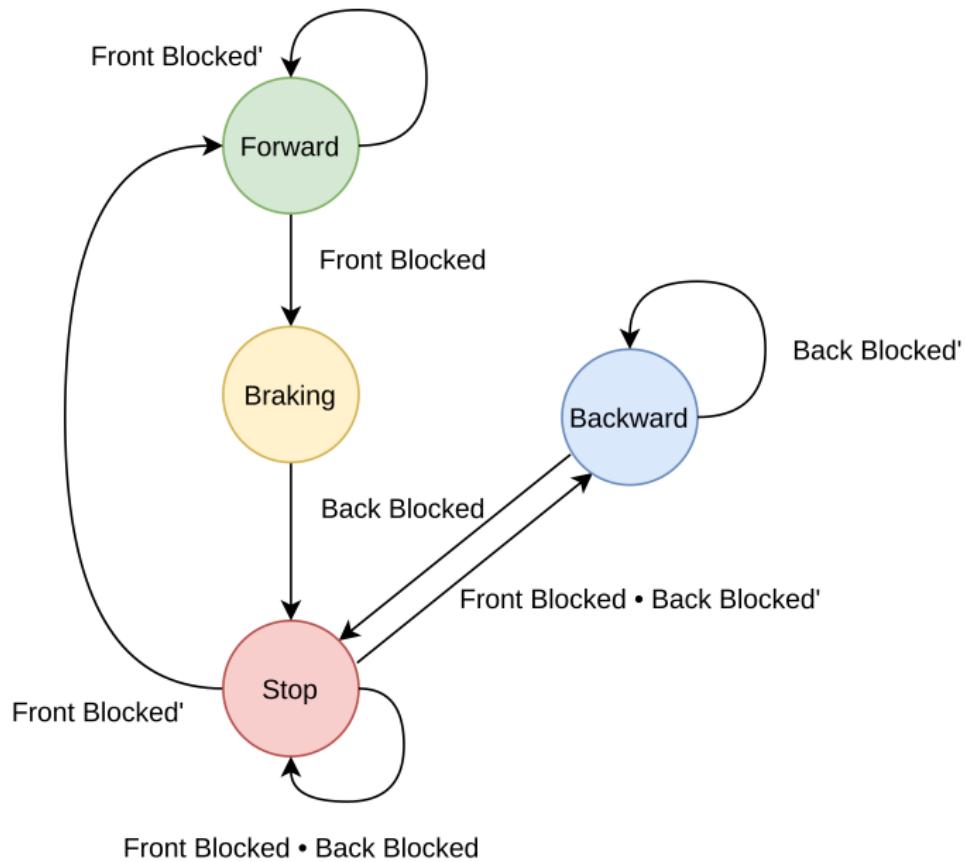


Brushless Motor ESC

System Architecture

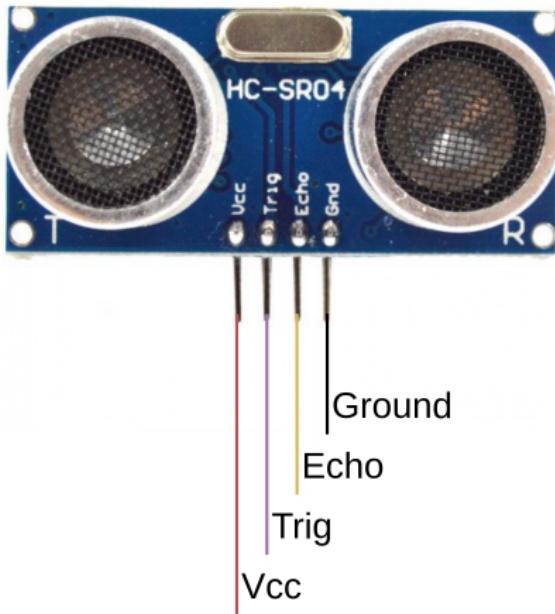


Finite State Machine

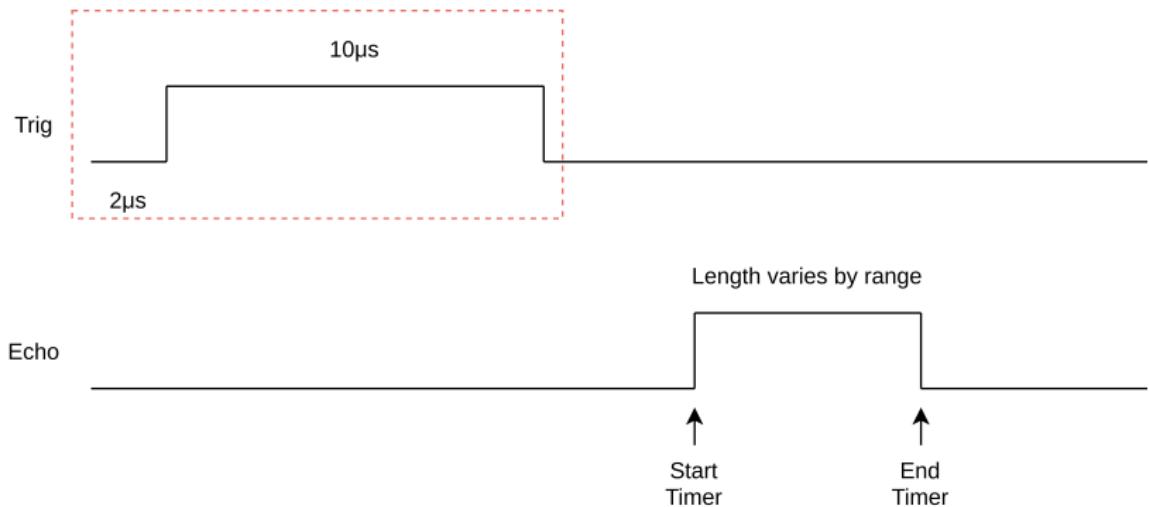


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Distance Sensor

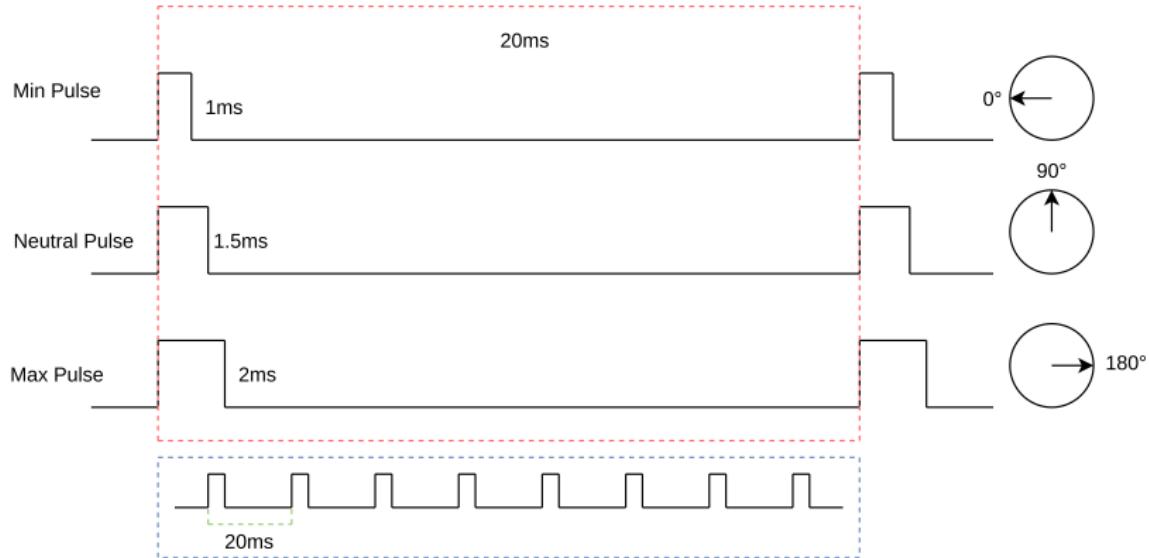


Distance Sensor

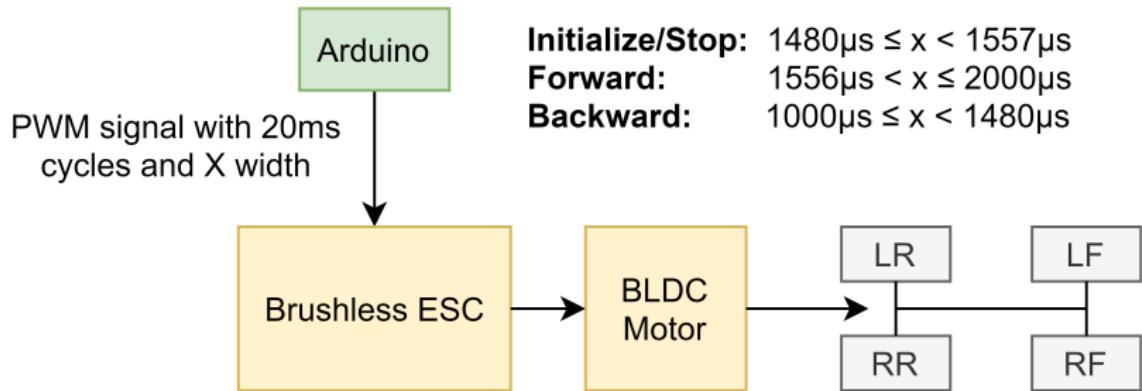


Servo

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Brushless Motor ESC



Questions

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Any questions?

The End

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Thank you for your attention. :)

You can find our Ada_Drivers_Library fork and the source code over
at <https://github.com/stykk-gruppen>