

# The AntibacBuggy

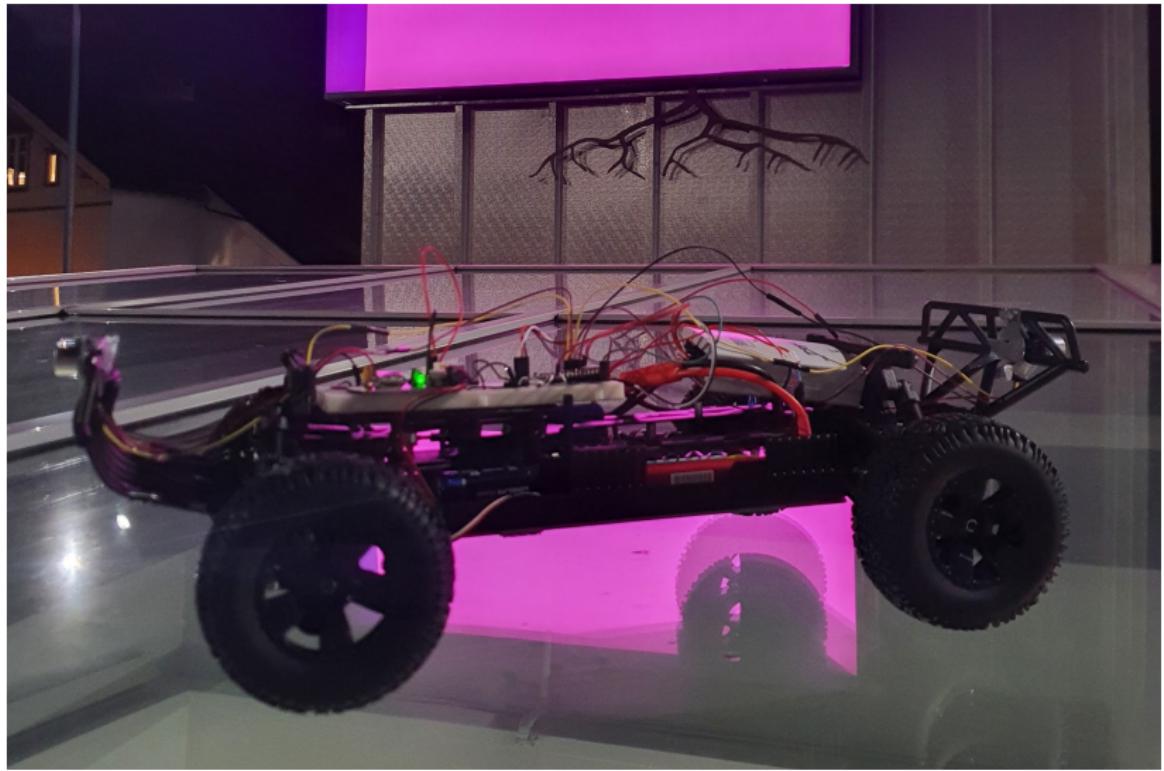
Kent Odde, Stian Onarheim, Tarald Vestbøstad

USN

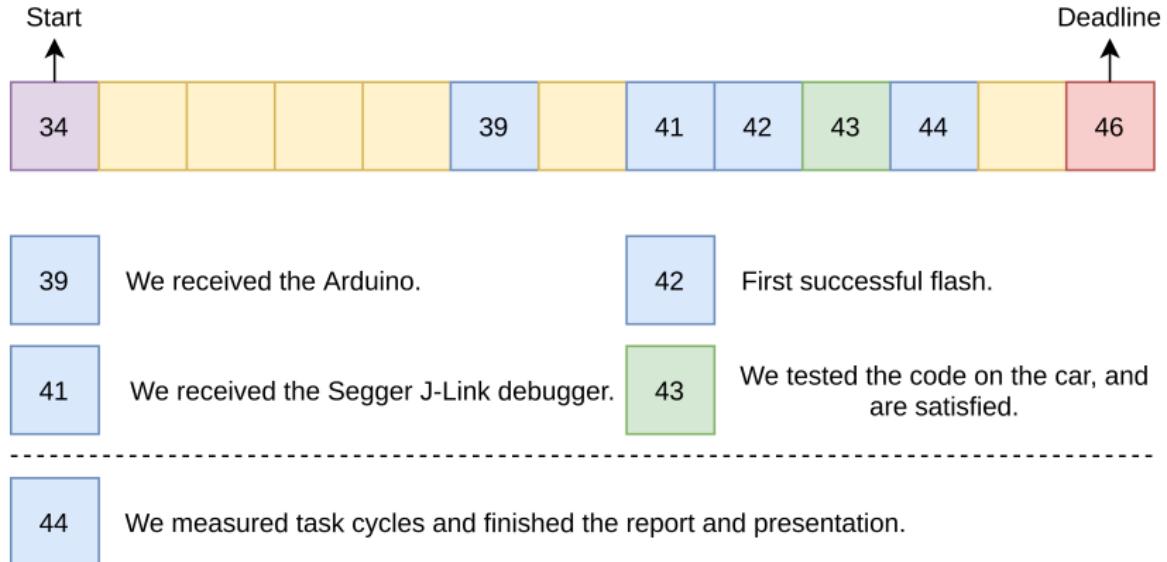
Autumn 2020

## Showcase

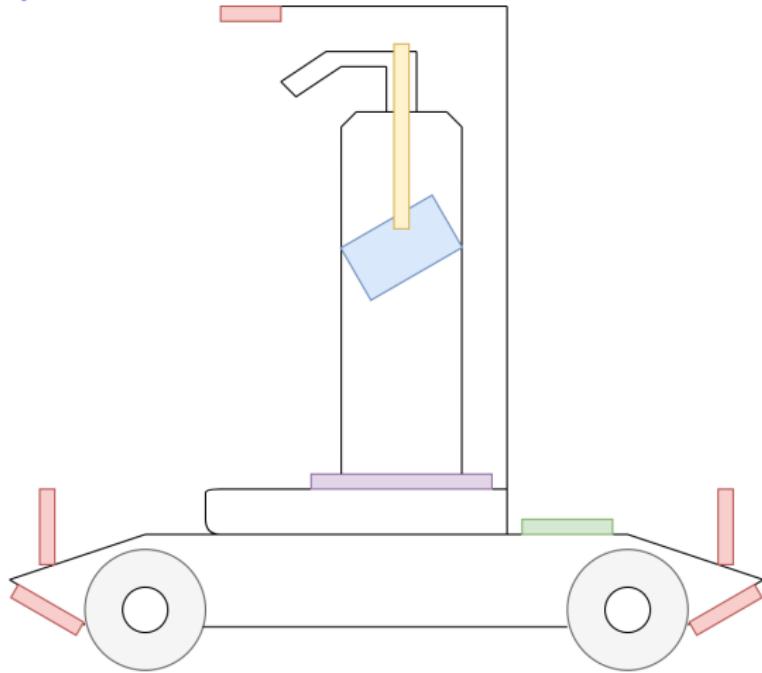
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# Timeline



# Initial Concept



Arduino NANO 33  
BLE SENSE



Pressure  
Plate



Rubber Band

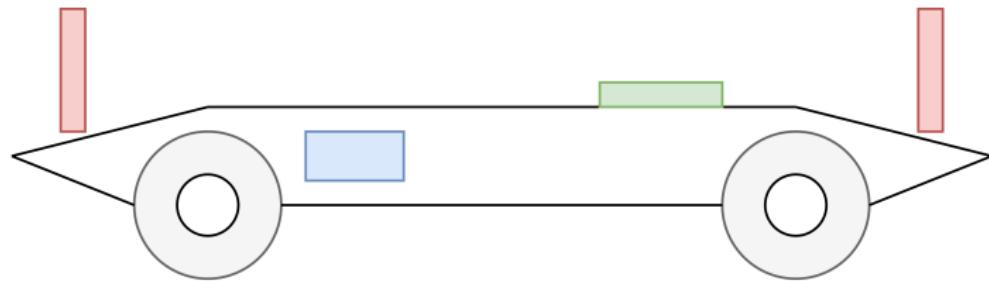


Proximity  
Sensor



Servo Motor

# Final Design



Arduino NANO 33 BLE SENSE

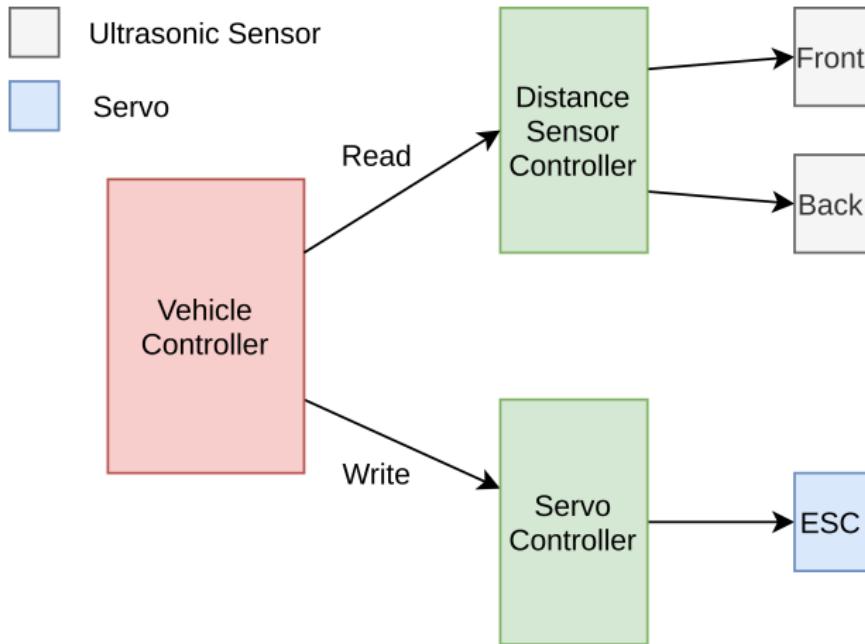


Proximity Sensor

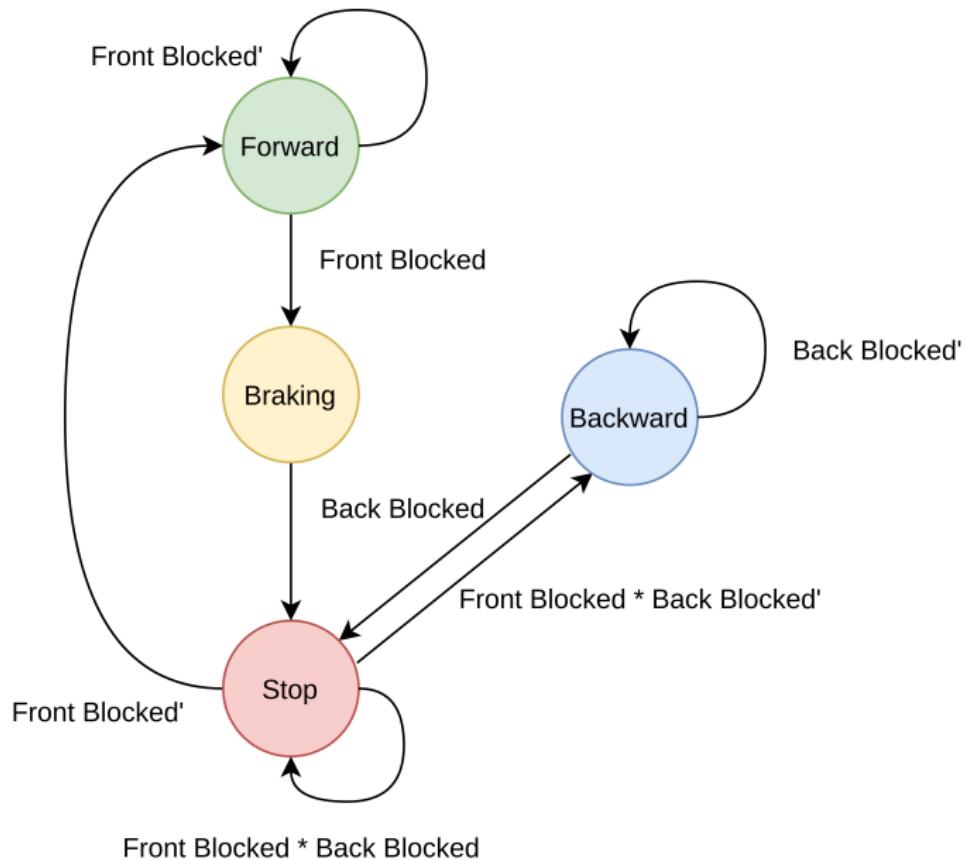


Brushless Motor ESC

# System Architecture

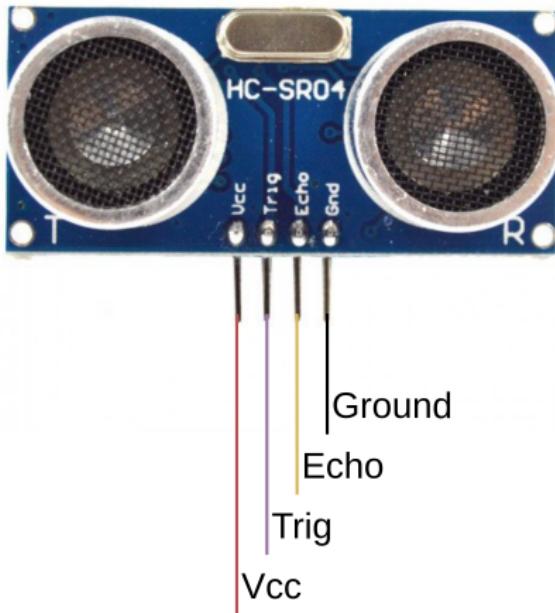


# Finite State Machine

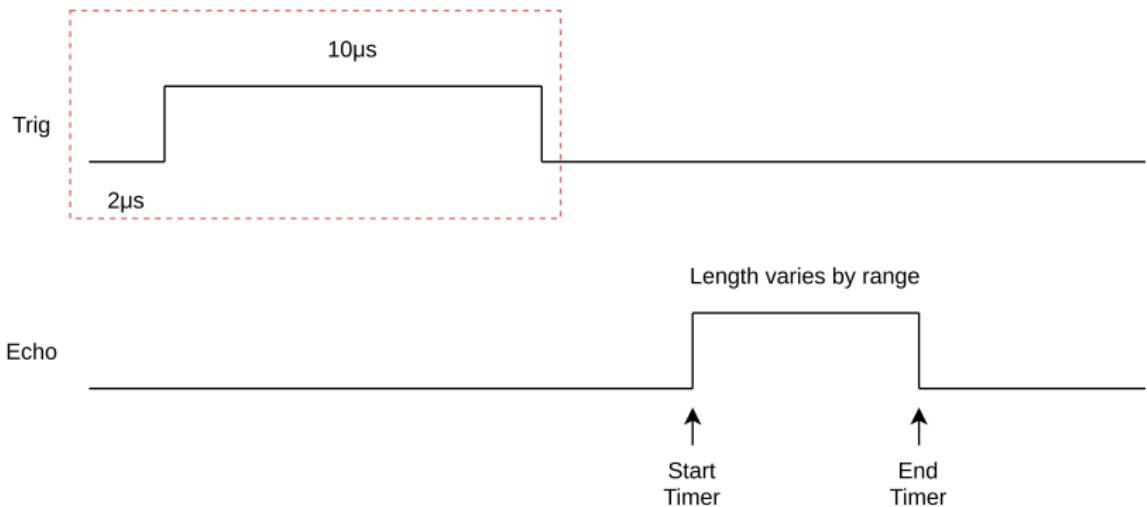


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# Distance Sensor

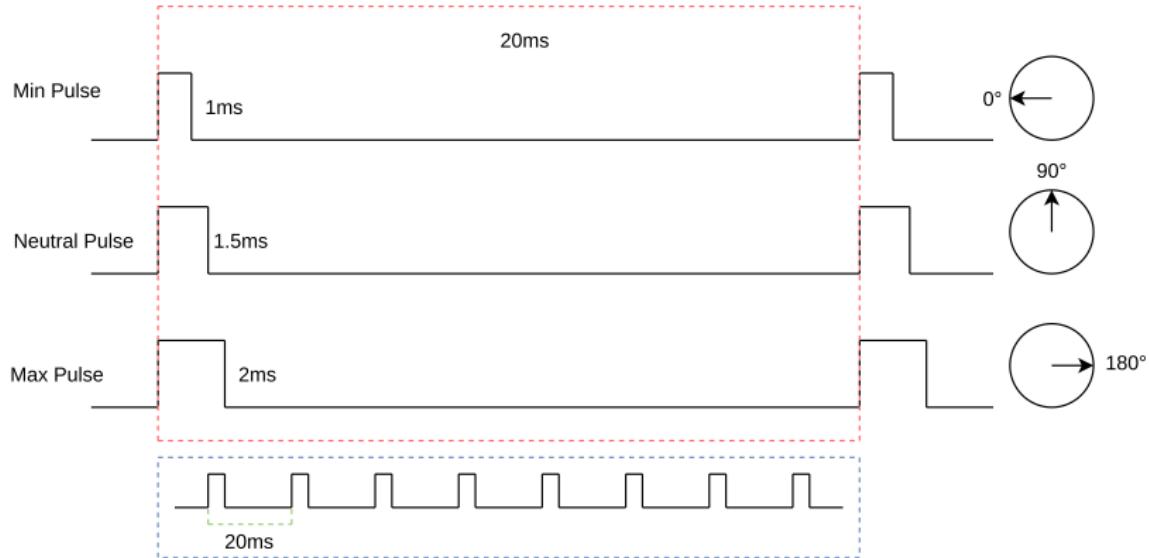


# Distance Sensor

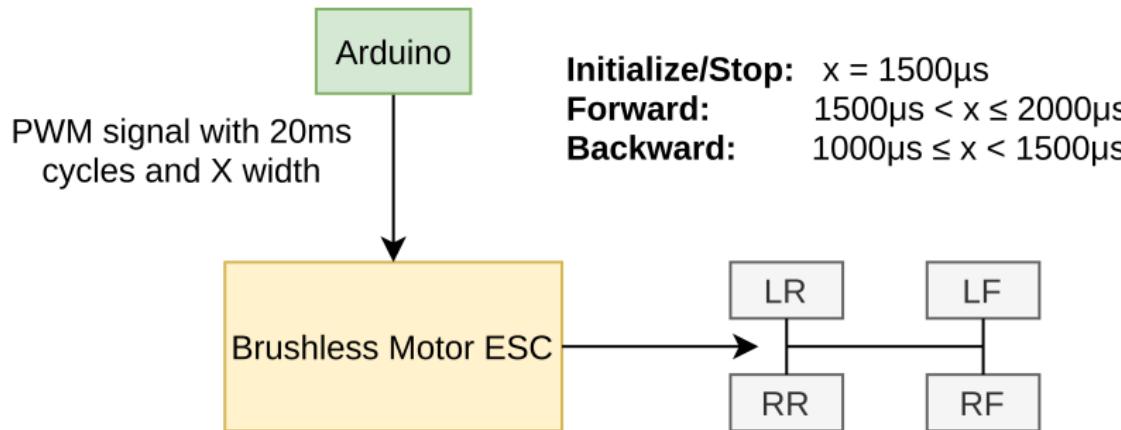


# Servo

• S  
• G



# Brushless Motor ESC



# Questions

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- G

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>