

The AntibacBuggy

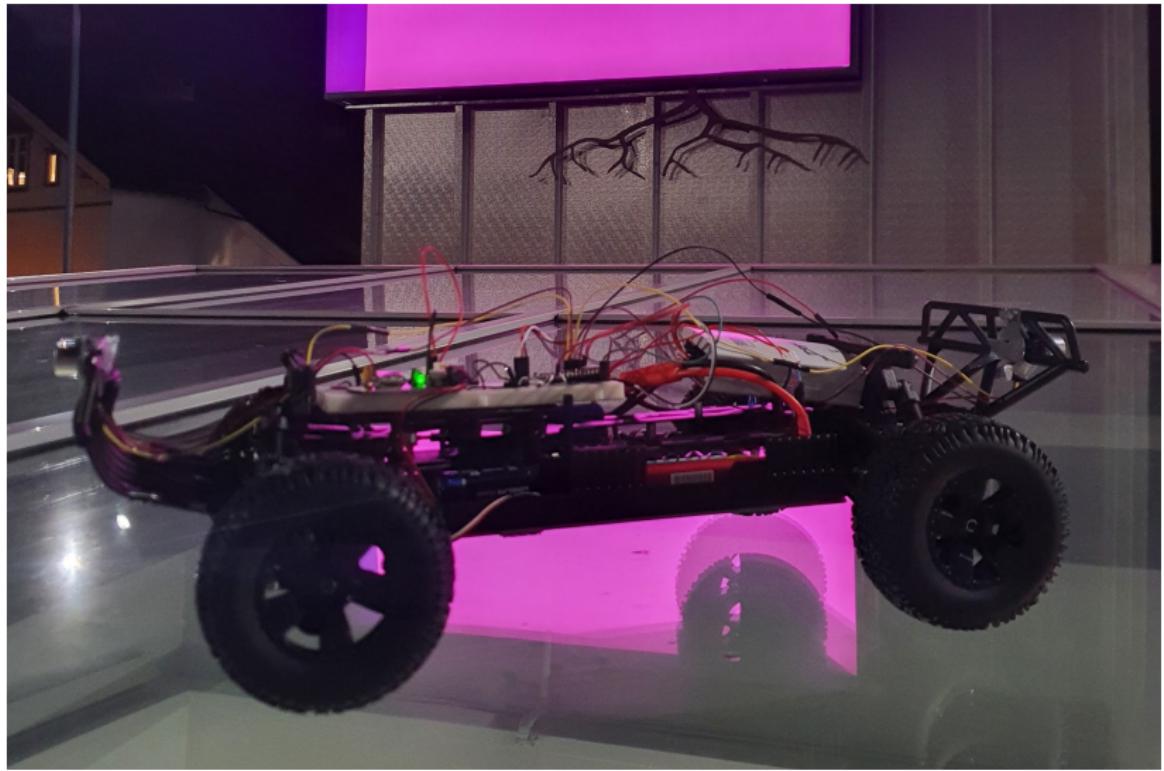
Kent Odde, Stian Onarheim, Tarald Vestbøstad

USN

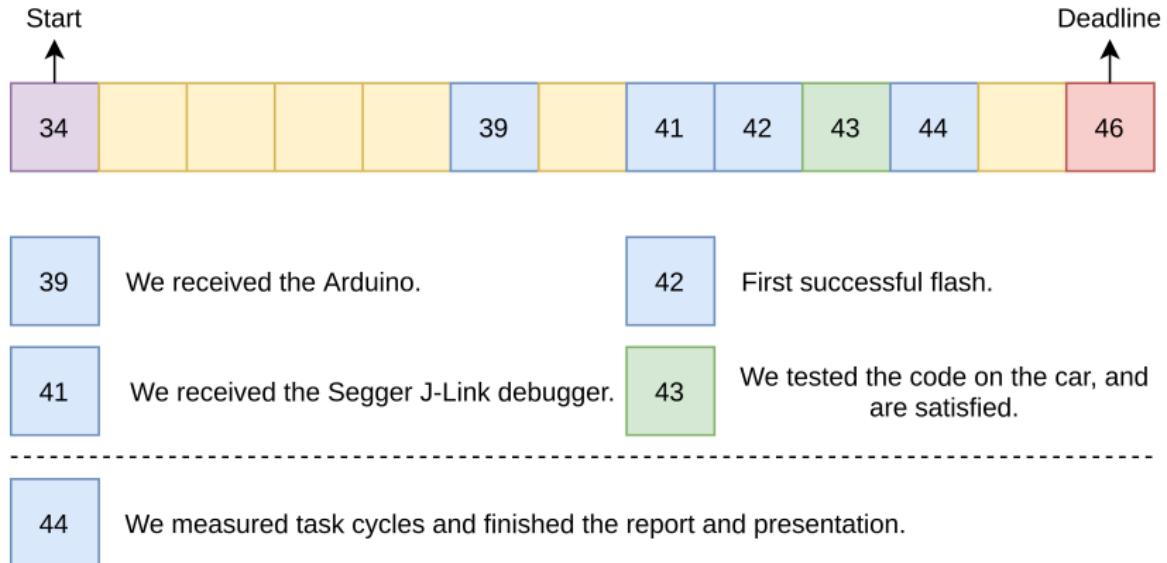
Autumn 2020

Showcase

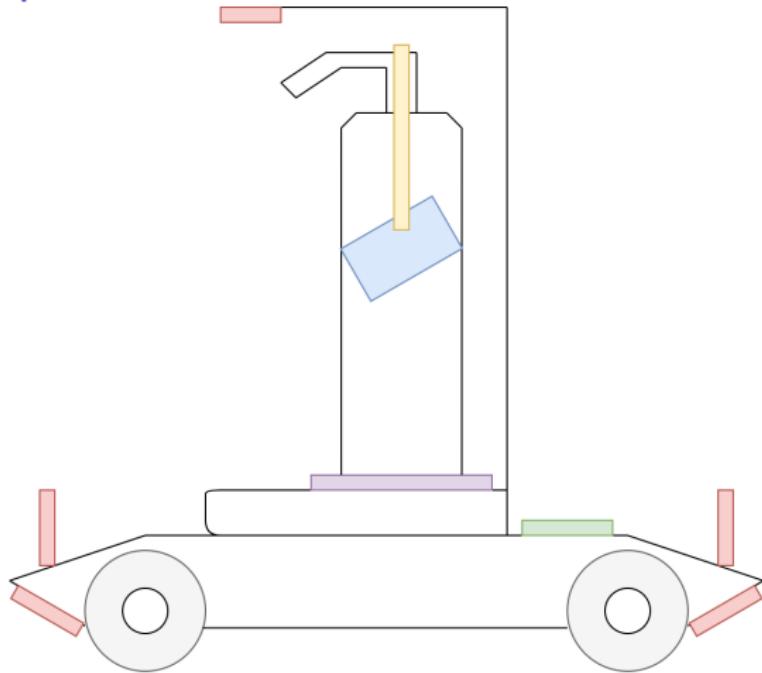
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Timeline



Initial Concept



Arduino NANO 33
BLE SENSE



Pressure
Plate



Rubber Band

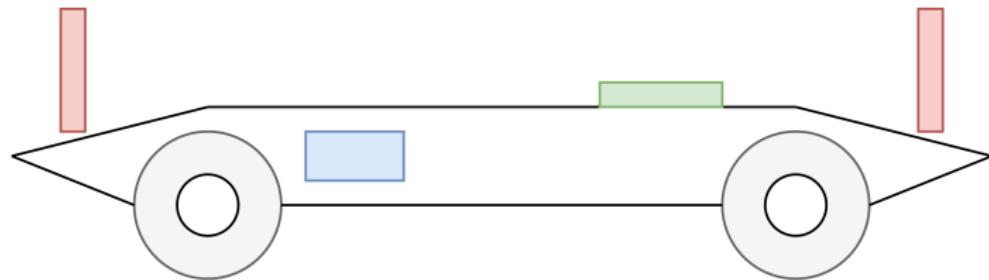


Proximity
Sensor



Servo Motor

Final Design



Arduino NANO 33 BLE SENSE

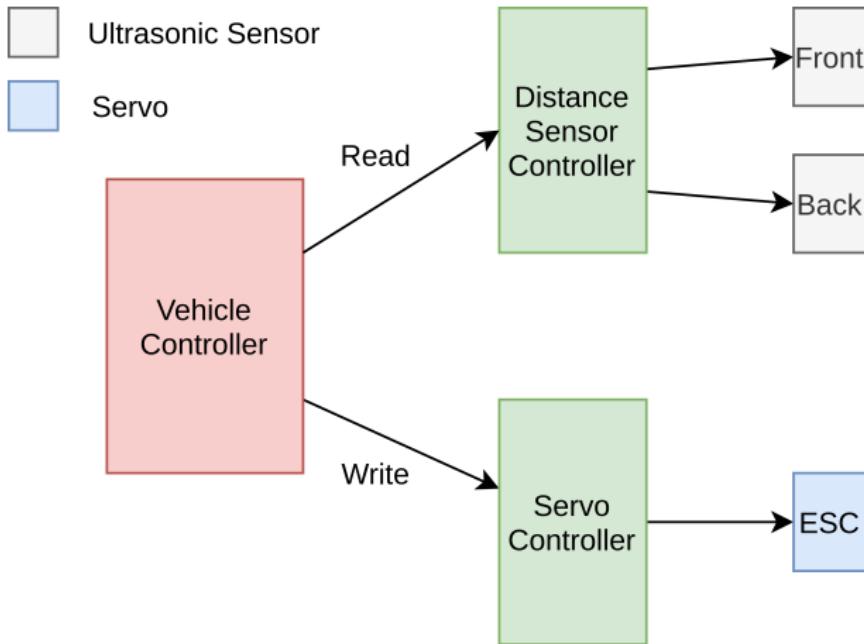


Proximity Sensor

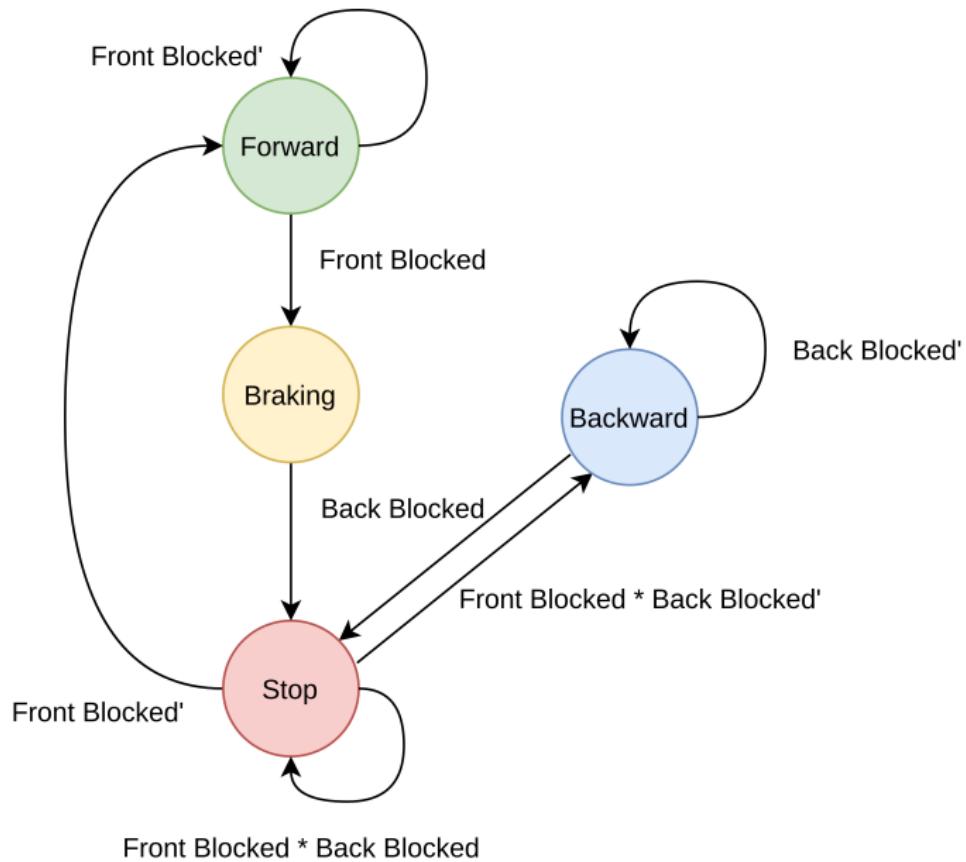


Brushless Motor ESC

System Architecture

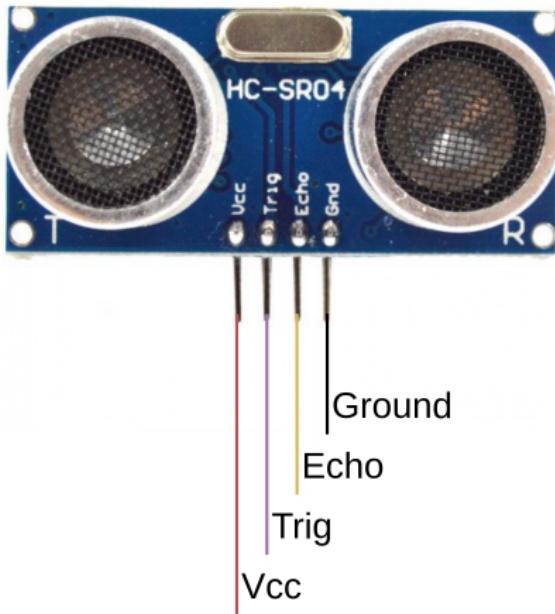


Finite State Machine

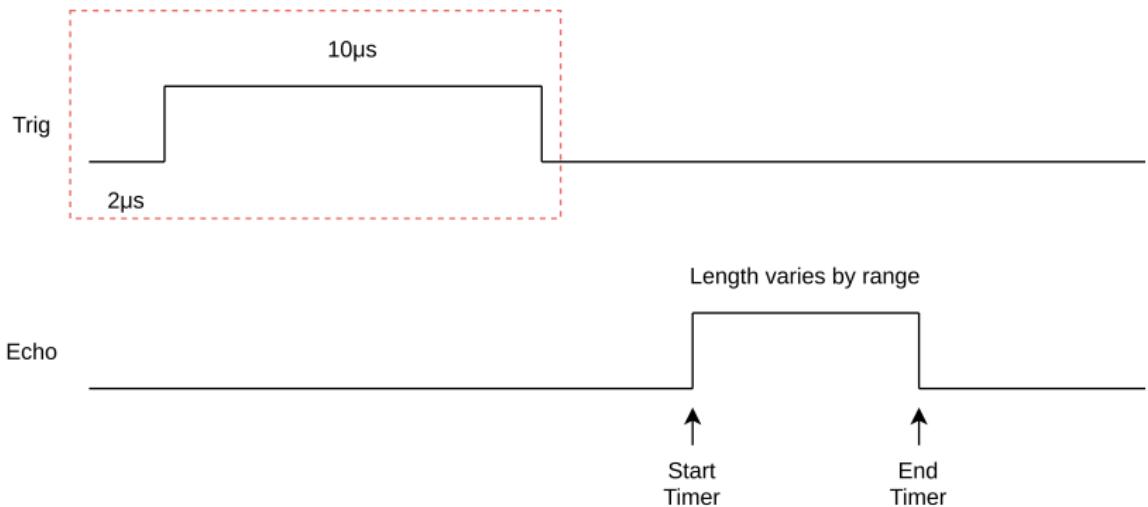


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Distance Sensor

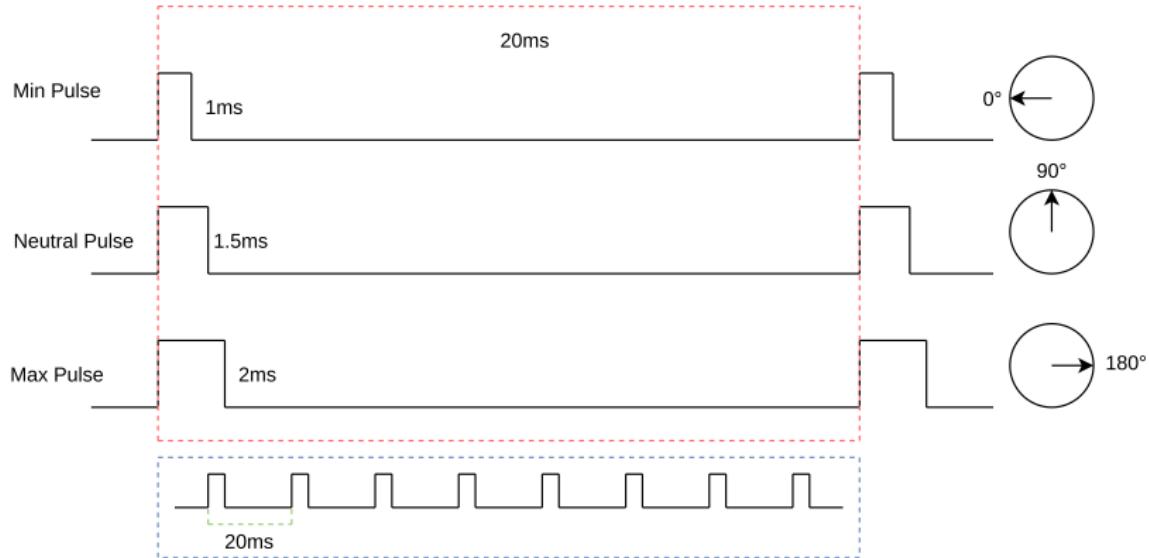


Distance Sensor



Servo

• S
• G



Brushless Motor ESC

