



March 12 - March 18 Weekly Report

1 Progress

- Chassis assembly is refined and finalized.
- Step up and step down converters are imported to the system. However, they burnt out.
- Vehicle drive with controller is tested. Some of problems were: PWM output of pins were not identical, small PWM difference yielded big voltage difference in motor drivers. This problem took a long time to fix.
- Two distance sensors for handshake are implemented on the vehicle and tested with software.

2 Plans

- PID controller design parameter tuning.



Members :

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Sarper Sertel, 2094449, 0542 515 6039

Erdem Tuna, 2167419, 0535 256 3320

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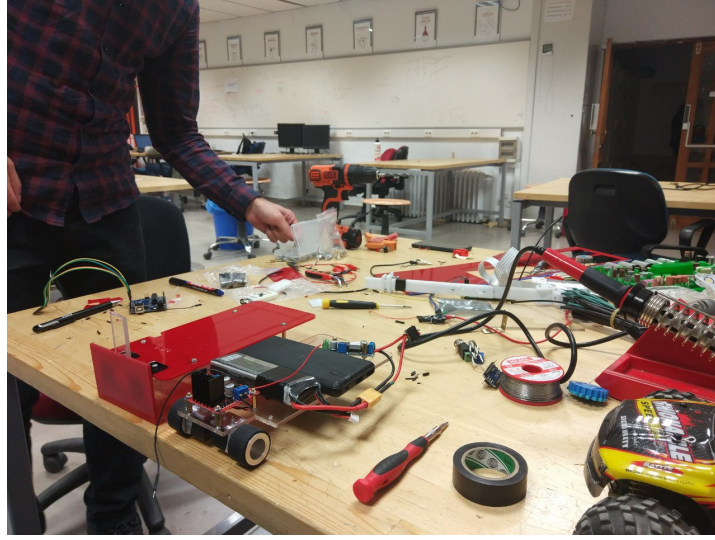


Figure 1: As Chassis is being Assembled.



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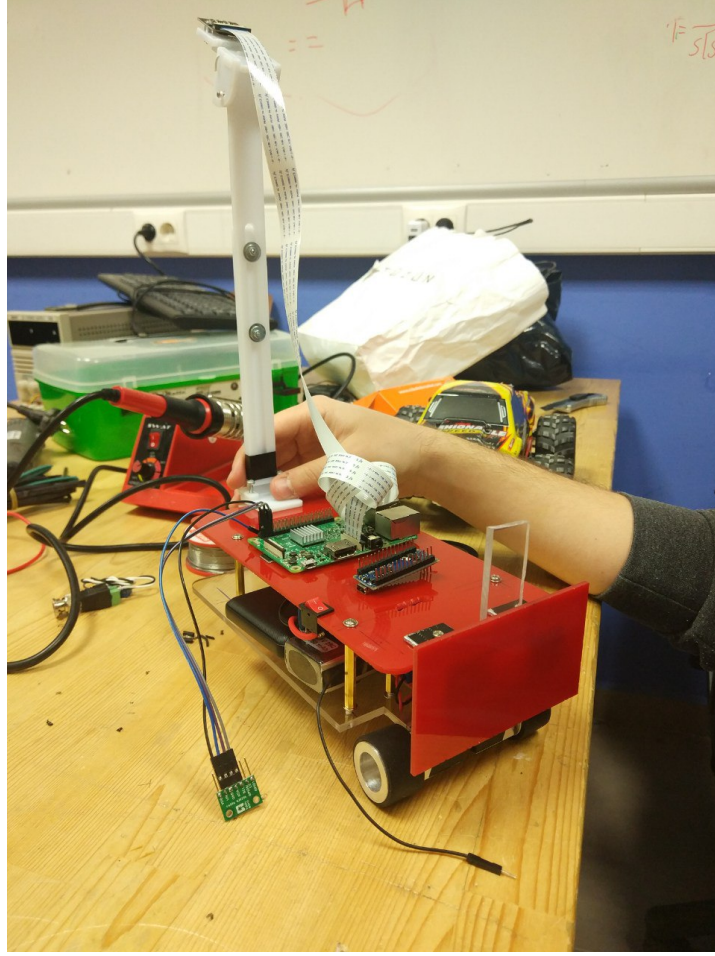


Figure 2: Chassis Assembly

