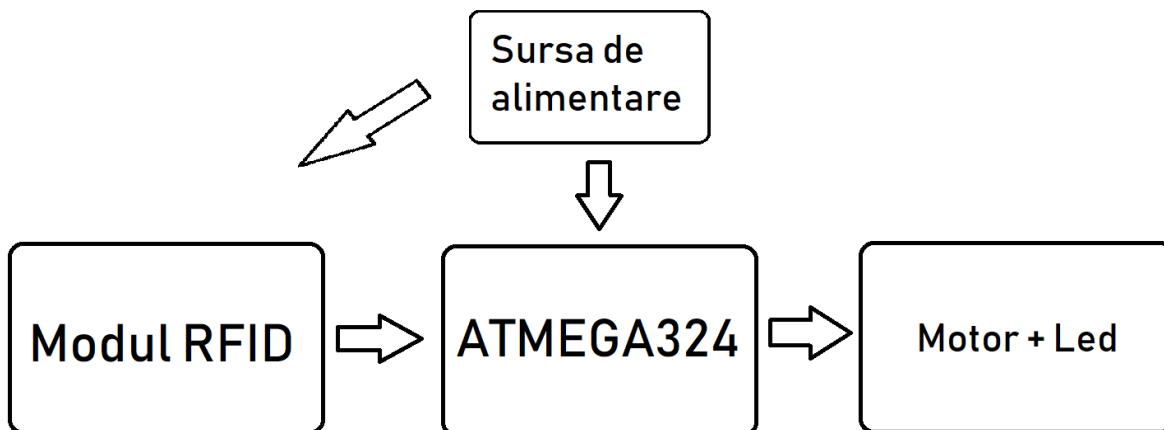


Cristian-Mihai ILIESCU (87628) - RFID Lock

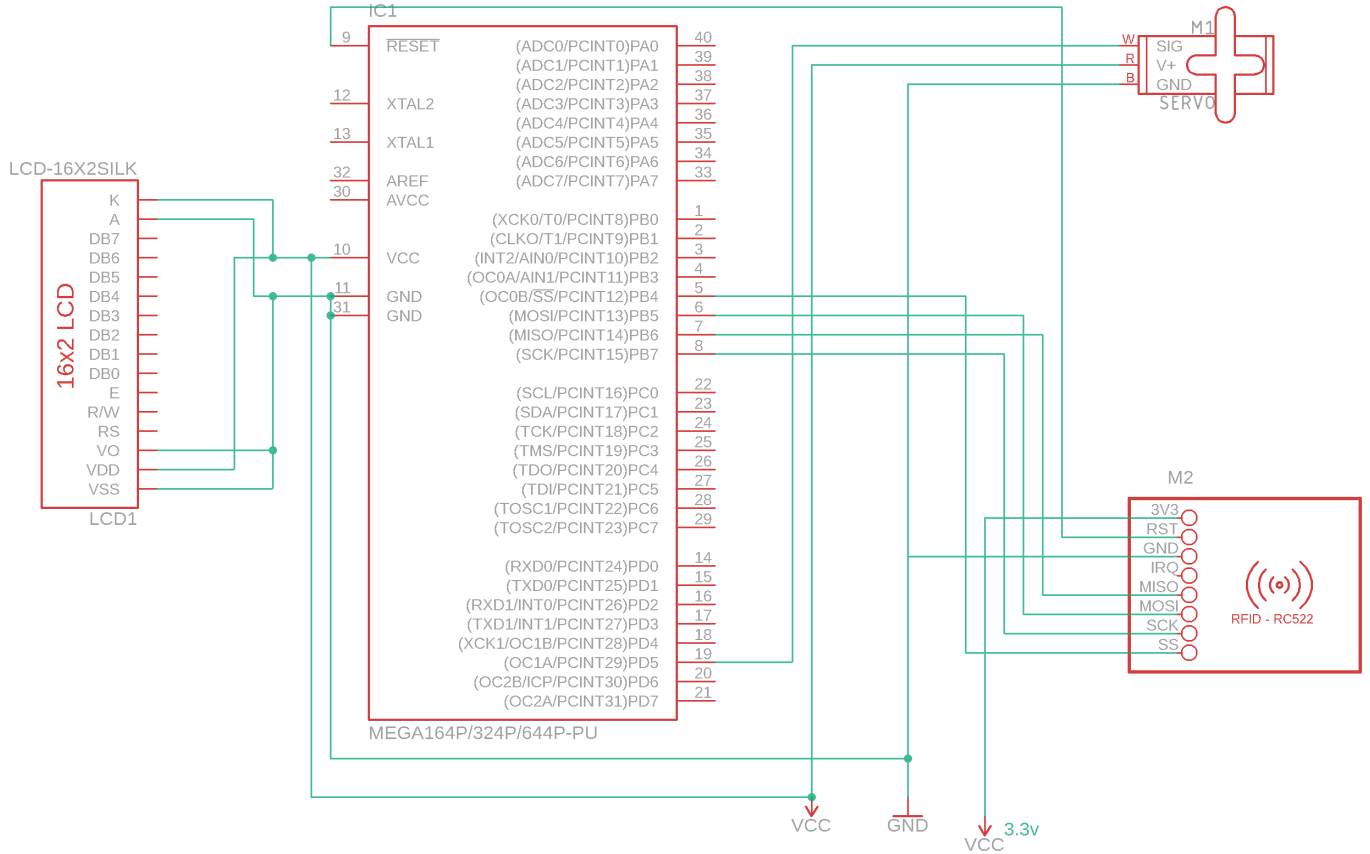
Introducere

- Scopul proiectului este crearea unei incuietori care se deblocheaza cu o cartela RFID.
 - Am ales acest proiect deoarece consider ca este ceva foarte util.
-

Descriere generală



Hardware design



LISTA DE PIESE:

- Placa de baza
- Servomotor
- Modul RFID RC522
- Fire

Software design

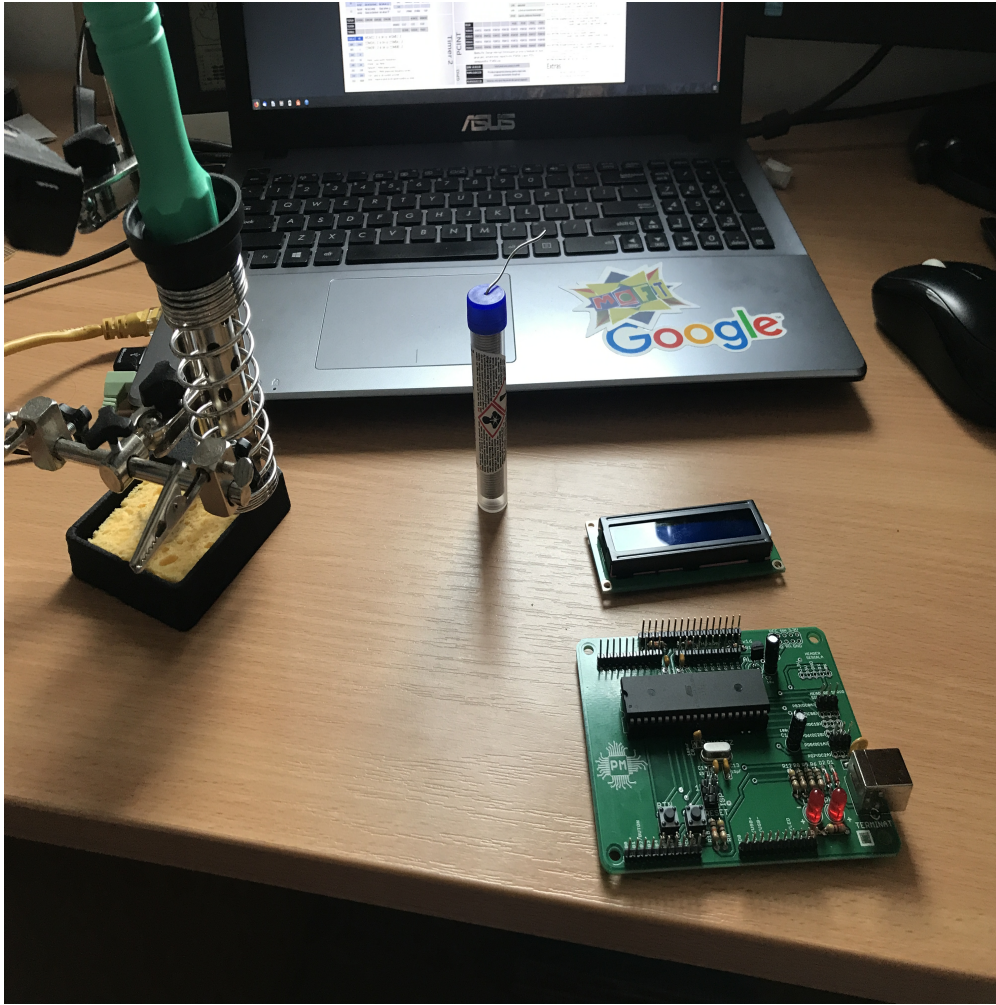
Am folosit urmatoarele biblioteci : spi, mfc522 si lcd. Codul nu este de o complexitate ridicata. Programul retine prima cartela citita si actioneaza servomotorul doar atunci cand este apropiata aceasta.

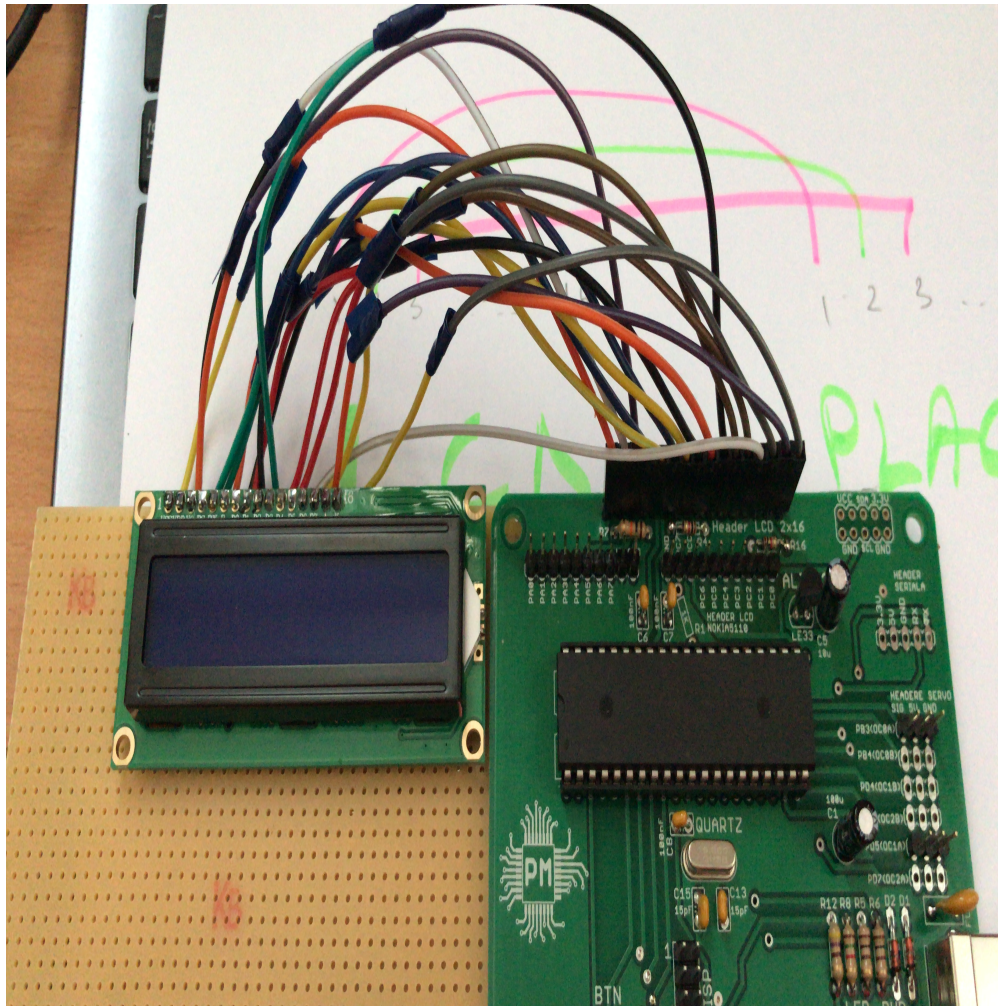
Rezultate obtinute

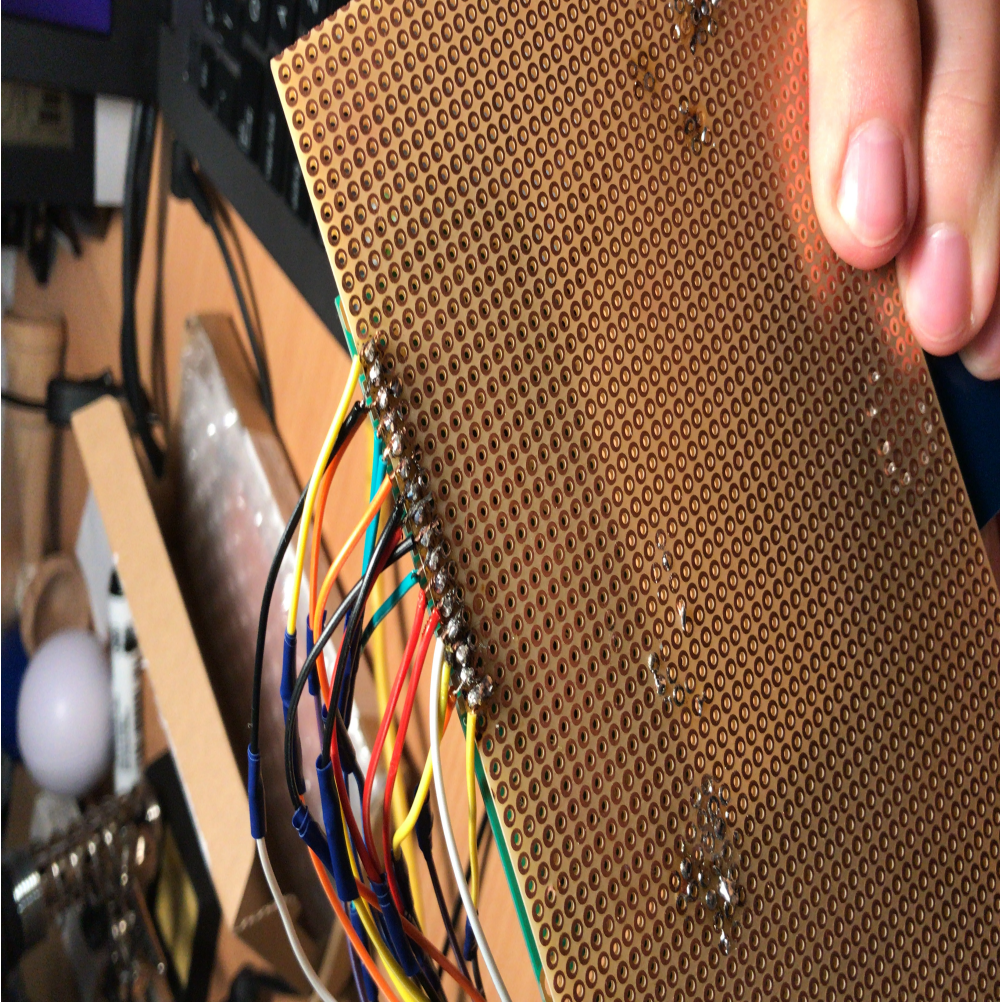
Initial a fost destul de dificil sa inteleg cum merg lucrurile dar dupa cateva ore de urmarit exemple pe internet am reusit sa ajung la forma finala a proiectului.

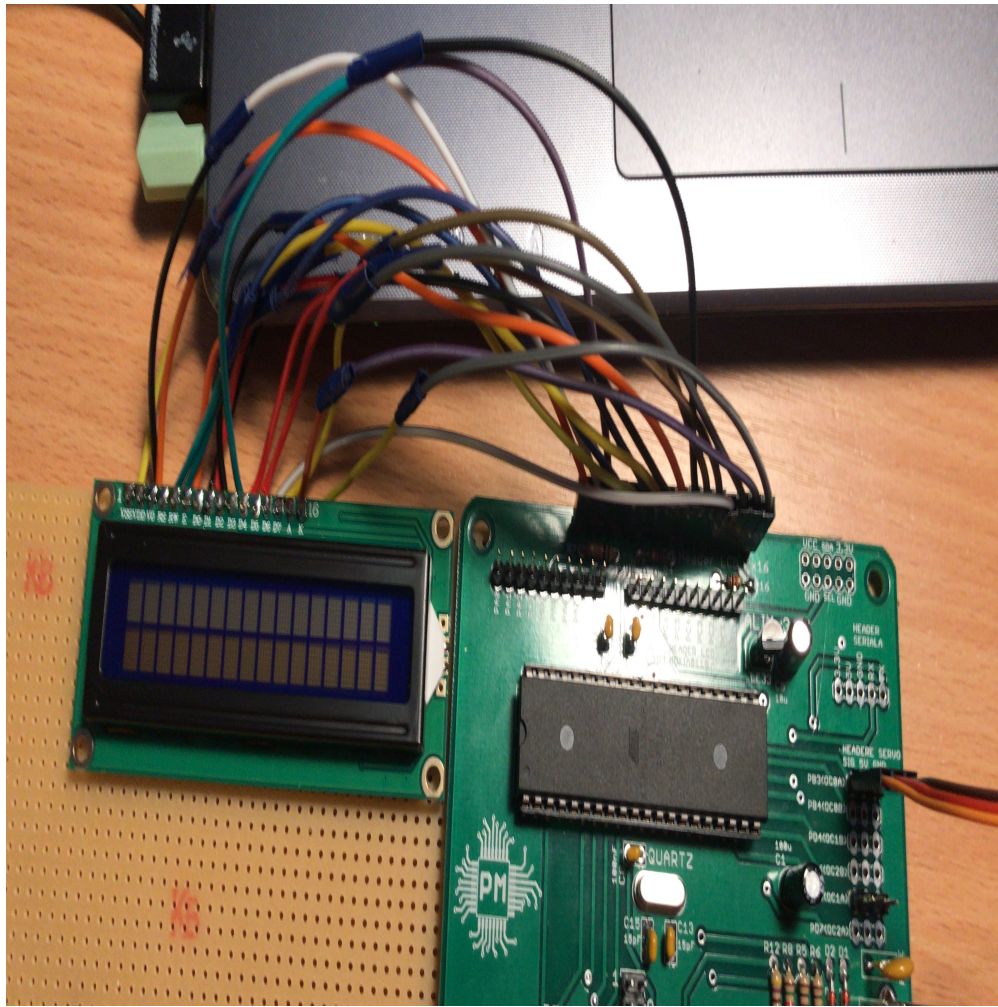
Poze de pe parcurs

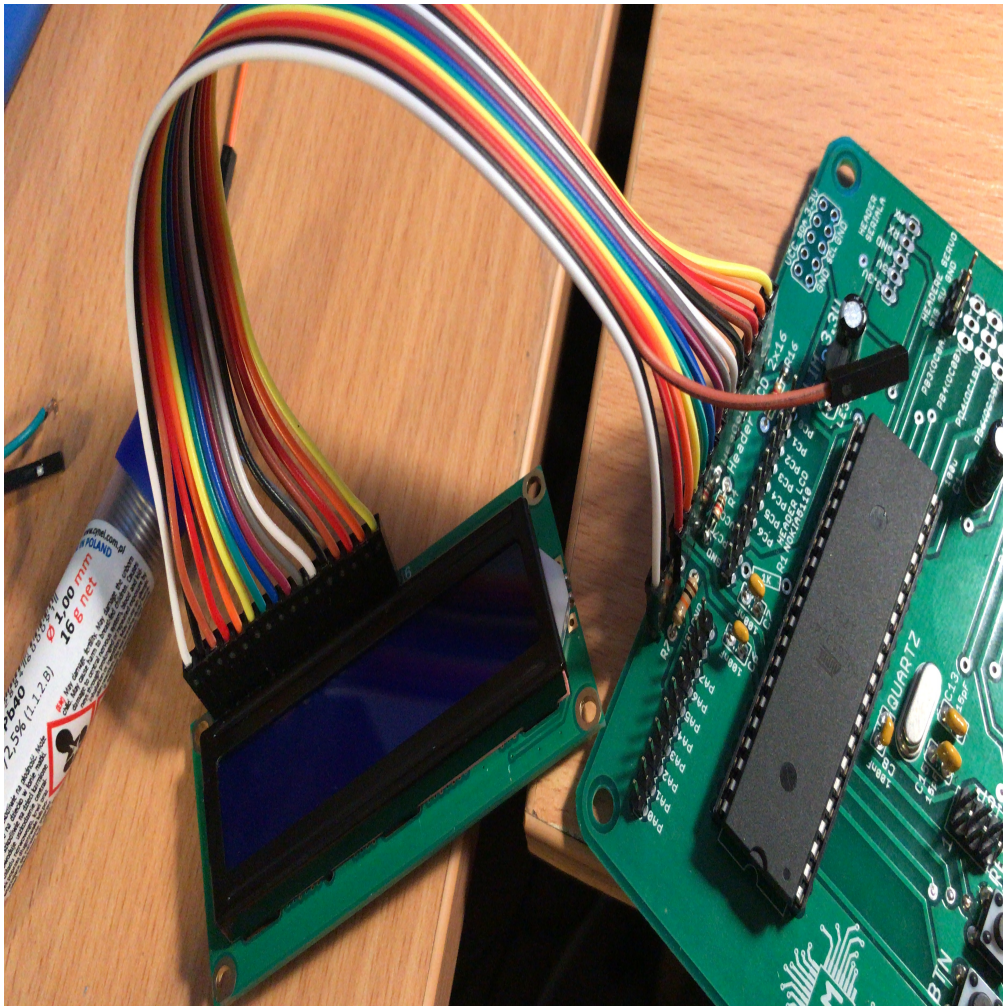


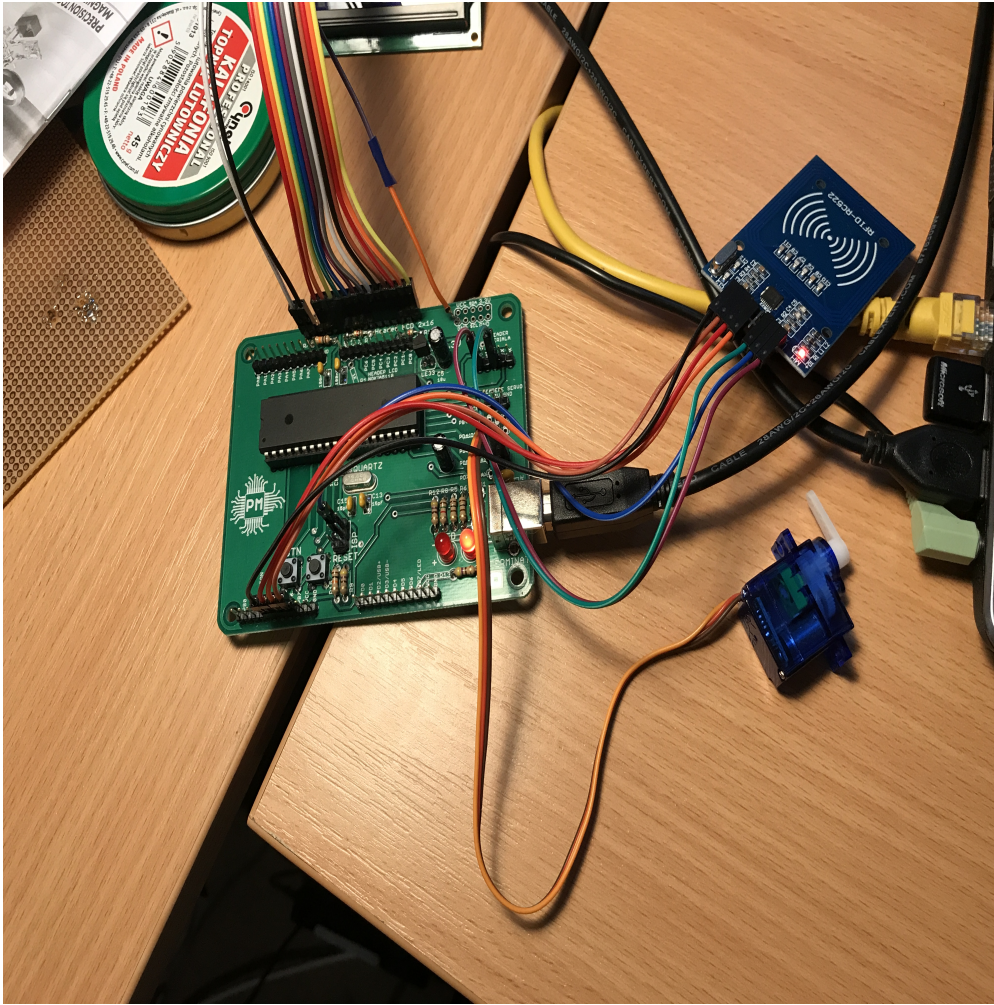












Jurnal

- 22 Aprilie 2019: Comanda piese
- 1 - 10 Mai 2019: Placa de baza
- 10 - 20 Mai 2019: Varianta initiala a proiectului, continea si o placa de test pentru ca nu cumparasem si fire mama-mama
- 20-24 Mai 2019: Varianta finala + Debugging

Youtube

<wrap em>[watch](#)</wrap>

Descarca

<WRAP center round download 60%> Arhiva proiect [rfid_lock](#) </WRAP> <WRAP center round download 60%> Documentatia in format pdf [rfid_lock](#) </WRAP>

Bibliografie

<wrap em>[avr-rfid-library](#)</wrap>

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