



MIDDLE EAST TECHNICAL
UNIVERSITY

ELECTRICAL & ELECTRONICS ENGINEERING
WEEKLY REPORT 14
EE 494

CAT FEEDING PROJECT

STUDENT ID :

2141323

2166387

2167187

2231322

2247740

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1 Works Done

In this week, followings are completed:

- Electrical design is updated.
- Electronic lock and LED strip are added. Updated design is shown in Figure 3.
- Breadboard is changed with the stripboard.
- New components explained in the previous weekly report are added to the main board shown in Figures 1 and 2.
- Research on the materials for the outer box.

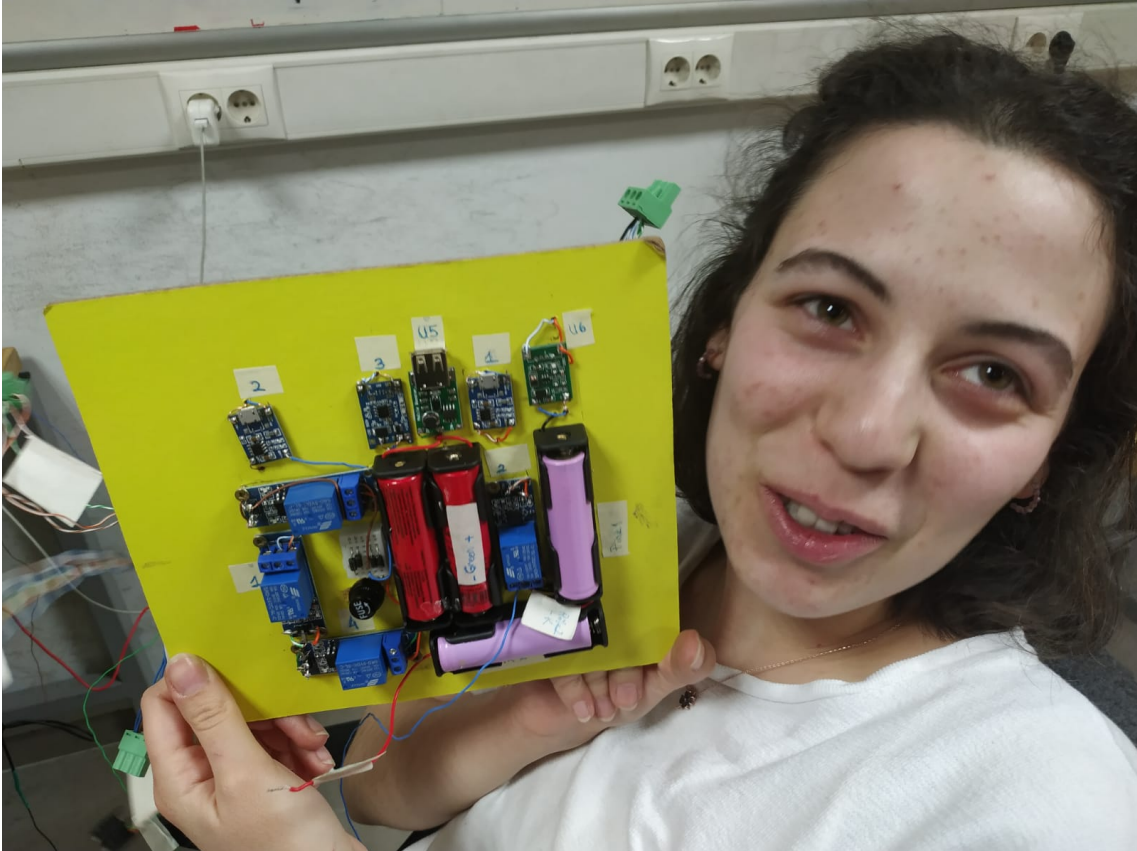


Figure 1: Updated Electronics Board



Figure 2: Updated Electronics Board

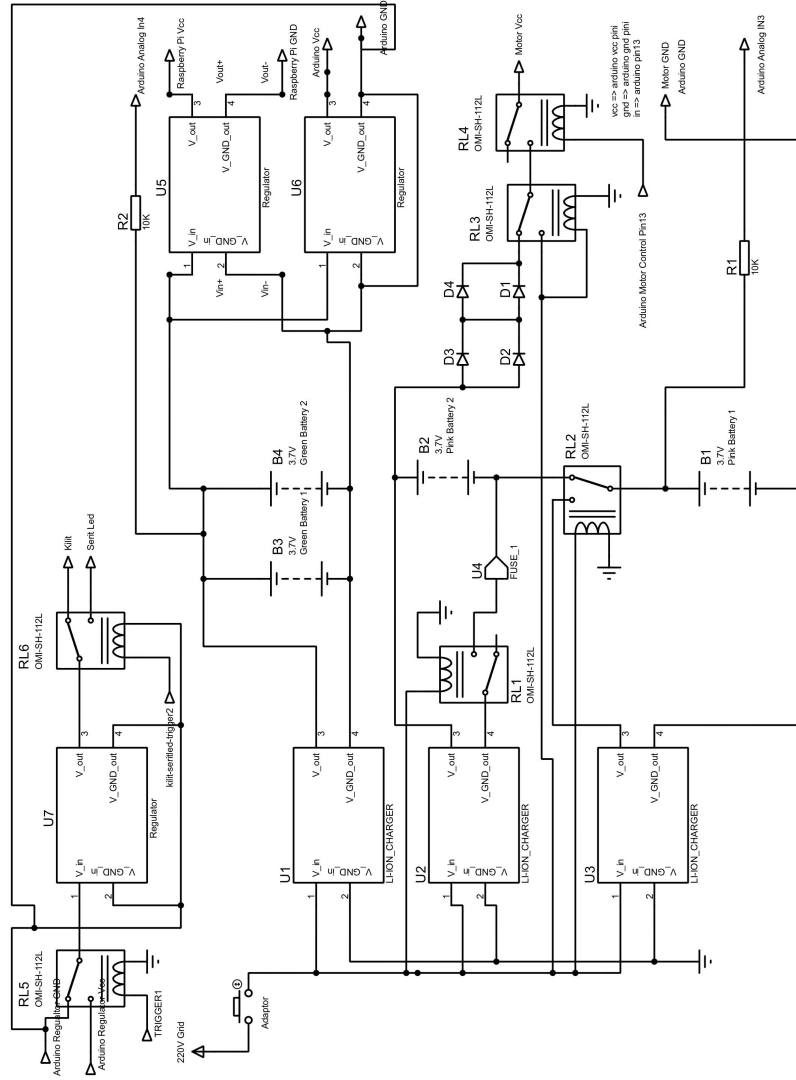


Figure 3: Circuit Schematic of the Updated Electrical System

2 Future Work

Future Works:

- Implementing the electronic lock and LED strip to the system.
- Improving the identification algorithm.
- Building the outer box.
- Calibrating the weight sensor.