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interfon bloc

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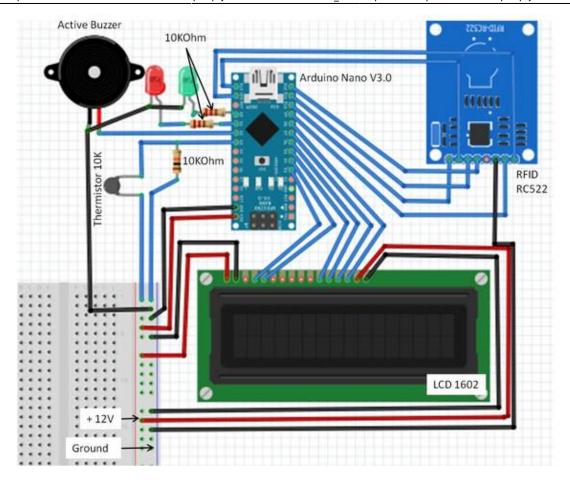
Introduction

interfon bloc is an Arduino project that offers a simple solution to getting into your block using an RFID token.

This project can ease and digitalize the door opening protocol of a block. It is cheaper, because the tenants only need a 5RON token that doesn't even need to touch anything, just to be close to the scanner. It is more hygienic, cheaper and less probable to break like a normal key and lock system.

General Description

We connect the RFID R/W, Buzzer, LCD to the arduino board as follows:



Hardware Design

The components used are as follows:

- 1. Arduino UNO
- 2. 4×20 LCD
- 3. Buzzer
- 4. RFID-RC522

Software Design

Results Obtained

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Conclusions

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