

Annotation

In this diploma project developed a system of control and access control based on the Arduino microcontroller for the needs of the user. Also, the analysis of the types of access control devices, implemented the necessary technical and software parts, considered the possibility of further improvement of the system. In the economic part, the costs of installation of equipment and wages of employees are calculated. In the section "Life safety" ventilation in the operator's room, artificial lighting, electrical safety, grounding is calculated.