

Annotation

The theme of the graduation project is "Door opening control with biometric sensor." The project includes an intelligent and inexpensive door lock, complemented by a fingerprint interface. During the implementation of this project, an Arduino Uno board based on the Atmega328P microcontroller, a fingerprint sensor, a servomotor and some other hardware devices were used. The principle of operation, outline and structure of the assembled device are described. Life safety issues are considered, the payback period of the developed project is calculated, and a business plan is drawn up.