

Annotation

This diploma project examines the development of a biometric system for monitoring and data management, identification devices, and also discusses the stages of development of access control systems with biometric identification. Arduino Uno controller research object studied. Equipment for development and modeling was selected. Based on a comparative analysis, the choice is justified for solving the task. The work shows the solution of the problem by creating a product with biometric authorization, which reads data using a drawing of the veins of the palm. In the process, the following programming environments were used: C/C++, Arduino, Proteus (software package for the automated design of electronic circuits).