## Annotation

In the diploma project, we will create a system for identifying employees of the enterprise by fingerprints. As a result of this work, a software system designed to automate the process of identification by fingerprints has been developed. The system allows you to compare and identify data previously entered into the device.

The methods considered and the selected program allow you to assess the current state of the overall security of the enterprise, reduce potential costs, and organize protection plans against identified threats. This system is cost-effective for the enterprise.

The section" life Safety " provides optimization of the workplace for staff and lighting. In addition, the economic part calculates the cost of developing the project and how long it will pay off.