Summary

This graduation paper addresses issues about the fire alarm system used in residential facilities, in workrooms, in industry and in other environments. The Arduino UNO microcontroller, the GSM module SIM900, fire detectors and other modules related to this project are described, and a fire alarm system and fire warning with the sending of SMS to the phone were developed on these devices.

The issues of life safety were considered, a business plan was drawn up and the payback period of the developed project was calculated.