

## Annotation

The graduation project describes an automated system for micro-climatic control of the greenhouse. The first part of the project provides full information about the greenhouse. The second part provides information about the sensors and microcontrollers that are required for the project. Algorithms in the Arduino IDE program were laid as the basis.

In the department of safety and labor protection, the workplace requirements and artificial lighting of the employee are calculated.

In the economic part, financial costs and economic efficiency are calculated.