

## **Annotation**

Steganographic methods include concealing messages in computer files and in computer networks. In this graduation project, dedicated to software development with an easy, intuitive interface and convenient control, to demonstrate the LSB method, which replaces the least significant end bits of the image encoding the hue with bits of hidden information. In the application, BMP is used as the container, as well as the PNG image format, which was previously rarely used in steganography.

In the section of life safety, the analysis of qualitative working conditions and preservation of workers' health is carried out, as well as the calculation of natural artificial lighting.