

## **Annotation**

The diploma project has developed a Foundation, that is, a software product that works offline and is available to citizens. Legislation in the field of information security in software development has been studied. This project examines the relevance of the regulatory framework in the field of information security. The search engine is written in the C#programming language. The program contains detailed information and is recommended for use by students in laboratory and practical classes.

The following sections assess the risks of an attack on a database source, how to protect it, and address issues of life safety.