

## **Annotation**

The purpose of the project: the development and commissioning of the mobile application " Sign language Translator" designed for learning sign language.

The relevance of this topic lies primarily in the urgent need to improve communication of people who do not hear and hear. Computer technology can not only serve as a means of communication and entertainment, but also be useful for people with disabilities.

On the basis of the goal, in the thesis project modern technological and technical platforms for the implementation of such applications are considered, a comparative analysis of possible implementation options is given, load testing is carried out, its results are analyzed. The finished mobile application was uploaded on the PlayMarket server called Sudoapp.

In the economic section, the full development cycle of the application is considered, as well as calculations of the economic effect of the application implementation. In the life safety section, the working conditions of the programmer were considered and solutions were provided to improve labor productivity.