

## **Abstract**

Currently, many innovative technologies have achieved significant development. One of the developed areas of information technology is augmented reality. Augmented reality has great potential for development and improvement. This technology can change the whole world in the future, make it much more convenient, interactive and safer. A lot of companies work in the direction of development of augmented reality technology, i.e. this technology is used in all spheres of activity. Many of them are focused on the introduction of this technology in the educational sphere – from preschool to higher education.

This thesis discusses the development of a mobile application with augmented reality technology. The application can be further used in the field of education and will help to solve the problems of education. Based on this information, new methods of user interaction with the application with augmented reality are proposed.