

Annotation

Nowadays all people use mobile phone very much. Today it is difficult to overestimate the role of a mobile phone in people's lives. At any time with this compact device you can find the information we need, connect your colleagues, their relatives and friends. Everyone always uses a laptop, a mobile phone. For this reason, the project is developed on the Android platform.

The main goal of the graduation project is to create a mobile application in the Android Studio environment that recognizes a person through a face. To achieve this goal, the following tasks were accomplished: creating a quick search program in an image using a template. Testing the algorithm and analyzing the data, developing a mobile application.

In carrying out the work, modern computer technologies were used, in particular, additionally developed for the Android OS using the TinyDB database management system and the OpenCV library.