The work is devoted to the creation of a subsystem for registration for events using mobile devices. It is a part of the "Student Rating" system being developed. The purpose of the system is to automate the working mechanisms of the rating scholarship of Irkutsk National Research Technical University. The main task of the subsystem is to digitalise the processes of accounting the attendance of events. The first stage was a study of the current student registration process. The second task was to create a concept for the future system. The final steps were the creation of a mobile application and its integration into the system. The mobile application is presented by two components. The first one was developed for the participants of the event. It allows students to search and register for intra-university events. The second component is intended for the organisers and performs the function of confirming the visitor’s identity. The programming language for writing the subsystem is Kotlin for Android OS. The final version could be used as the part of the unified information system "Student Rating". As a result of the work, the authors have developed a software solution that can facilitate the recording of attendance event attendance.

Sources

1. INRTU - Rating – URL: <https://www.istu.edu/studentu/stipendiya/reyting> (date of access: 14.03.2023).
2. Kotlin Programming Language – URL: <https://kotlinlang.org/> (date of access: 14.03.2023).