

Annotation

The aim of the graduation thesis is to develop a "smart suitcase" system. Such suitcase will provide its owner with the followings: safety and security of personal belongings; convenient and easy use; tracing its location in case of theft. In order to provide such functions of the "smart suitcase", we need to develop a mobile app. In this case, the app will be based on Android. To develop the mobile app, we use the Android Studio program, which supports Java. In addition to the development of the "smart suitcase" system, the thesis describes the economic aspects of its implementation, which confirm its profitability. The work also considers the production conditions of the product development.