ABSTRACT

The structure and scope of work. Explanatory note of diploma project consists of five chapters, contains 7 illustrations, 11 tables, 1 addition 4 sources.

Diploma project is dedicated to the development of the maze application generation to create mobile games for Android platform.

In the information support chapter there were identified input and output data for the mobile application, there was developed database structure that meets the goals of the project.

Mathematical support chapter is dedicated to the description of maze generation algorithm.

In the software chapter there were described basic development tools for mobile application development, made requirements for technical support, selected and proved software architecture.

The technological chapter was described by the user manual and testing of the mobile application.

ALGIRITHM, MAZE, ANDROID, GAME, ACTIVITY