ABSTRACT

SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY

Study Programme:	Applied Informatics
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The bachelor's thesis aims to create the mobile application based on energy efficient and intuitive video processing for various versions of the Android operating system. In the first chapters we describe the issue of video processing and compare other applications on the similar basis. In the second chapter we describe in detail the solutions for creating the various components needed for the purposes of our work. Based on the test results, it is possible to successfully evaluate the functionality of our application.

Keywords: video editor, Android, FFmpeg, efficient processing