ABSTRACT

IMPLEMENTATION OF OPTICAL CHARACTER RECOGNITION (OCR) FOR DEVELOPING TRANSLATOR APPLICATION FOR ANDROID PLATFORM

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Mobile technology issue is mobile with android operating system. Android is an open source operating system, that makes application developers develop new applications. Optical Character Recognition (OCR) application that is used for converting image to become text as library named tess two. This application development using waterfall method. Besides developing OCR, translator application will also be developed that uses image as input using OCR technology and database processing to process translation and voice as output. The results of the application either to recognize the letters with a minimum size 20 and bold, italic are less able to recognize the text nor the text with a patterned background

Keyword: Android, Optical Character Recognition. Translator