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# THE IMPLEMENTATION OF STEGANOGRAPHY APPLICATION BY USING AN IMAGE

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## ABSTRACT

This implementation centres on the usage of an image to build steganography applications, which were previously identified as Steganography Apps. The implementation of this system is driven by the necessity to transmit or receive crucial messages in a secure manner without getting detected by a third party. Assisted by the Rapid Application Development (RAD) methodology, the Steganography Apps have been built using the Android development application, which is Android Studio. The feasibility research performed at Kolej Universiti PolyTech Mara in Malaysia, where 60 public participants contributed in completing questionnaires, prompted the establishment of this prototype application. Based on the findings, it appears that a revolutionary application is required to enhance the method of keeping a secret message from being discovered. Steganography can be accessed easily by the general populace using an Android mobile phone, and the outputs may be created in real-time processing. From the feasibility research through the design stage, this article will go over the whole process of developing Steganography Apps

Keywords: steganography, image, application, security