

FINAL YEAR PROJECT REPORT

AN ANDROID APPLICATION WHICH SENDS ENCRYPTED MULTIMEDIA MESSAGE

By

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DECLARATION

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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APPROVAL FOR SUBMISSION

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ACKNOWLEDGEMENTS

We would like to thank everyone who had contributed to the successful completion of this project. We would like to express my gratitude to my research supervisor, **Miss Sumeera Hashmi** for her invaluable advice, guidance and her enormous patience throughout the development of the research.

In addition, we would also like to express my gratitude to our loving parent and teacher who had helped and given me encouragement.

AN ANDROID APPLICATION WHICH SENDS ENCRYPTED MULTIMEDIA MESSAGES

ABSTRACT

With the spread of computerized information around the world through the internet, the security of the information has raised a concern to the individuals. The confidentiality and privacy should be maintained while transferring the data between users. But now a days data transferring mediums are not secure enough to information. confidential highly transfer Information security has become one of the main challenges for information sharing through internet. Numerous strategies are here to protect the information from going under the control of the unapproved individual. So, we are proposing an android application to secretly send information through steganography. Steganography is a technique for securing data, its basic purpose is to hide secret message in a digital image or video. Digital images and videos are excellent carrier of hidden information. In this technique we use image and video as a medium to hide text. In this project we are using LSB (Least Significant Bit) algorithm, in which the binary representations of the secret data have been taken and the LSB of each byte is overwritten within the image where as in video a frame is extracted and same task as image has performed for a frame and then the frame is again merged into the video. This project is highly focusing on encryption of data by using image and video steganography.

Keywords: steganography, steganography techniques, data hiding

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