THE APPLICABILITY OF BLOCKCHAIN IN INDONESIA BASED ON INDONESIAN DATA PRIVACY REGULATION

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

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Currently, blockchain began to be widely developed for various sectors, not just cryptocurrency. However, blockchain still has a concern from the side of confidentiality, especially related to data privacy. Indonesia as a state law, has laws governing the protection of personal data. This can be an obstacle when blockchain cannot meet the requirements of personal data protection laws. In this research will be discussed what is the applicability of blockchain in Indonesia based on data privacy law in Indonesia. Furthermore, to establish a privacy data protection framework on blockchain, it will also be seen the implementation of blockchchain from privacy data regulation residing in Japan and Europe. Japan has privacy data legislation called the Act on the Protection Personal Information (APPI) and Europe has General Data Protection Regulation (GDPR). Japan was chosen in this riste because the Japanese government strongly supports the development of blockchain, while Europe as GDPR is one of the comprehensive privacy data regulations. Using these three regulations will create a privacy data framework on the blockchain that complies with the privacy data laws.

Keyword: Blockchain, Data Privacy, Personal Data, APPI, GDPR, Regulation

DEDICATION

I dedicate this works for the future of the country I loved: Indonesia
I also dedicated this work for people who are always curious about something new and especially I dedicated this work for my little angles: Rafifatu Rifda and Ahmad Ghazi Ahmad, my lovely wife Rezeki Wahyuni and my beloved parents. Hopefully, this work can bring goodness.

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In the name of Allah, the Entirely Merciful, the Especially Merciful.

All praise is to Allah, Lord of the worlds - The Entirely Merciful, the Especially Merciful, who Guide us to the straight path - The path of those upon whom You have bestowed favor, not of those who have evoked [Your] anger or of those who are astray.

Praise and thanks to the presence of Allah SWT, for the blessing grace the author can complete a thesis entitled: THE APPLICABILITY OF BLOCKCHAIN IN INDONESIA BASED ON INDONESIAN DATA PRIVACY REGULATION.

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