

PREFACE

Praise to God Almighty, I must give thanks to Allah for making it easier for me to do this research. Without God on my side, I am nothing. I thank my parents, my brothers, my teachers, my colleagues who have supported me until now.

This report explains the security of Internet of Things in "Dynamic Event-based Authentication on MQTT Protocol". In this case it discusses the authentication mechanism that can be applied to limited devices such as microcontrollers. The development of technology in the Internet of Things has led to a variety of devices, one of them is the wearable device. The wearable device is connected to other devices to present information to users. However, it does not pay attention to the authentication security; while in the development of technology, security is the main need that must be held. For more information about what security to protect, it is necessary for you to read this thesis.

I realized that this study is still far from being perfect. Therefore, I really expect to be able to discuss these shortcomings to the readers so that I can improve this thesis. It will be very grateful if you can contact me to discuss it.

Thank you for taking the time to read my writing.

Rizka Reza Pahlevi