

FACULTY OF ELECTRICAL ENGINEERING  
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FINAL REPORT OF DIPLOMA PROJECT

DOOR LOCK REMOTE CONTROL

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I declare that this report entitled “ DOOR LOCK REMOTE CONTROL “ is the result of our own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.

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## **ABSTRACT**

Remote control system is widely used now in the equipment such as television, radio and other electronics device, one more example used in transports system as a key lock system. Remote control system is divided to two categories; device based and activity based. Door is a portable obstacle that can be opened up and closed. The combination between tool of system remote control and door will produce one security system. This project will focused the design of the safety system for house especially house door. This system is constitute from the extension of remote control device to main system as a signal recipient from it and activate or deactivate the key lock system at the door. The objective of this design is to invent the key lock system that easy to used and easy to maintain. This system also designed to give facilitate for disabled people to use the door. Besides that this invitation also focusing for commercialization. So the invitation of this project will be considering budget expenditure of the component and raw material that will be used to produce one product that can be commercialized.

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