

FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA

PASIR GUDANG

FINAL REPORT:

MOTORCYCLE ALARM WITH CODE LOCK

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With the name of Allah SWT, the Merciful and the Compassionate, we are able to success in making our mini project (alarm motor with code lock) for our final year project. We feel very grateful to Allah SWT because we can make this mini project with successfully and completely even though we have some trouble. Besides, we also have a special thanks to our supervisor Encik Mohd Sufian bin Ramli for his commitment and support in making this mini project. He also shows us his talents in electrical, patience, supervision, and others. Moreover, we also thanks to our parents for give us money to buy the components in making this alarm motor with code lock project. Furthermore, we thanks to our friends too for helping us by doing this mini project such as sharing with us using their equipment, knowledge, and others. Lastly, we offer my regards and blessing to anybody who has supported us in any respect during the completion of the mini project.

ABSTRACT

Nowadays, the motorcycle theft around student in university are on the rise. This is because for some people with short thinking likely to steal the motorcycle without thinking what happened to the owner of the motorcycle. So, we have think to solution to decrease the number of theft around these people .

This alarm motor with code lock is designed to see the reaction between alarm circuit and code lock circuit in order to decrease the number of theft that is on rise around the university but this alarm motor also still can be uses to society. The aim of our project is to help some of the victims to security their motorcycle and can prevent the theft from happen for the second time to him. Alarm motor with code lock also helps everyone that park their motorcycle with no worries.

After completion of the manufacturing process of this project , this project has been tested to ensure functionality works well. This project also has been tested to see the output is same with the assumption or not. Praise to Allah SWT, our project was successfully done. It is observed that the gain is improved when the code lock circuit is successfully connect to the alarm circuit.

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