



FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA TERENGGANU

FINAL REPORT OF DIPLOMA PROJECT

MULTIPURPOSE DUSTBIN

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We declare that this report entitled "*MULTIPURPOSE DUSTBIN*" have succed and been approved.

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ACKNOWLEDGEMENT

I would like to express my deepest appreciation to all those who provided us the possibility to complete this report

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ABSTRACT

The multipurpose dustbin is the product using arduinouno, remote control via the transmitter and receiver, IR sensor, PIR sensor. IR sensor function to detect full dustbin. PIR sensor function to detect motion. This product using DC motor to make this multipurpose dustbin with using remote controller. The multipurpose dustbin is used to help the society in many ways. By following the rules, the design of the portable dustbin has become much more efficient and easier.

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