PROJECT TITLE

DEVELOPMENT OF AN AUTOMATIC PORTABLE CHICKEN GRILLER BY
USING ARDUINO UNO MICROCONTROLLER

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A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering (Electronics / Telecommunications / Instrumentations / Computer)

FACULTY OF ELECTRICAL ENGINEERING

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DECLARATION

"I declare that this report entitled "DEVELOPMENT OF AN AUTOMATIC PORTABLE CHICKEN GRILLER BY USING ARDUINO UNO MICROCONTROLLER" is the result of my 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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ACKNOWLEDGEMENT

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ABSTRACT

This project aims to demonstrate the use of microcontroller in developing an automatic chicken griller. The use of thermistor as a sensor for the microcontroller help to indicate either the chicken is cooked or not. Results show that temperature between 60 ℃ to 70 ℃ is chosen to be the suitable temperature for the chicken to be cooked. The output that indicates whether the chicken is cooked is controlled by the level of colored Light Emitting Diode (LED). Six red LEDs indicate the temperature level is low, while 3 green LEDs show the temperature level is at cooked level.

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