FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA

PULAU PINANG

FINAL REPORT

- COOLING SENSOR SYSTEM -

SYED AMIRUL USRI BIN SYED MOHD ABID

MUHAMMAD ADIEB BIN HASLI

SUPERVISOR:

EN.MUSA BIN MUHAMED ZAHIDI

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Universiti Teknologi MARA (UiTM)

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This report is approved by :

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EN. MUSA BIN MOHAMED ZAHIDI

(SUPERVISOR)

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ABSTRACT

This Cooling System Sensor project is developed to detect the temperature, display temperature and maintain the room temperature. This application is very useful for those who want their room to keep cool and comfort. Our project's main objective is easy the people who have problem with their daily life time. For example for those can't stand with the hot weather, for those who need to release tension with the comfort room and for people that lazy to on the switch.

The LM35 will detect the temperature of the room. The signal will transmit to the PIC16F877A to be process by follow the coding. Then, the display show the current temperature of the room. If the room temperature more 28℃, the fan and L.E.D. will ON until the back to normal room temperature that we set which is 28℃. If the room temperature less that 28℃, the system will only display the temperature and tell us that room temperature is "just nice" . But when the temperature is more than 28℃ the system will display "cooling down" and the fan also on.

ACKNOWLEDGEMENT

Praise to God because finally we had finish due to the dateline given even we have many problem had been face during to complete the report.

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