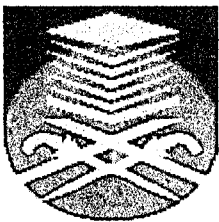


MICROCONTROLLER BASED SMART HOME SYSTEM

This Project Report is presented in partial for fulfillment for the award of the
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UNIVERSITI TEKNOLOGI MARA



MUHAMMAD NAJMI BIN AHMAD @AHMAD FAUZI
FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA
40450 SHAH ALAM, SELANGOR

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ABSTRACT

This project report describes the development of a Microcontroller Based Smart Home System. The system can control two type of home appliance, namely light dimmer and fan speed. The system consists of Microcontroller (PIC16F84A), display, keypad, zero-crossing detector circuit, triac circuit, and driver circuit. The control software is written in PIC language and programmed on the PIC controller using MPLAB software. The modules of the system have been tested separately.

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