UNIVERSITI TEKNOLOGI MARA

DESIGN AN ELECTRONIC AZAN CLOCK, READER AND RINGER

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ABSTRACT

The purpose of this project is to design an electronic azan clock, reader and ringer. It can divide into two part, software and hardware parts. For software part, a program for azan reader and ringer was developed using Microsoft Visual Basic. And for hardware part a digital clock is circuit is that have to function as a ringer and an azan reader. Audio signal is a common thing that uses this amplifier to produce sound wave through a transducer such as speaker. Compare to the common digital clock, it can be programmed by users to set five different alarm time refer to azan time. The digital electronic azan clock will automatically produce azan for each time it is set to. This digital clock is designed for Muslim and it is very useful for them. Besides, this clock will alert them when it is time to pray. Therefore, they absolutely won't miss their pray. The advantages of this azan clock reader and ringer were designed with a basic design, to provide ease of constructing, troubleshooting, and low power consumption.