

ABSTRACT

As a Moslem, the law for praying five times a day is a must, especially when it is done at the early time of prays. But sometimes we do not know exactly when the pray time is started and ended. Another problem is we also do not know exactly when the *sahur* time will ended. Although, we know the best part in *sahur* is eating until the end of *sahur* time over.

From all of the cases above, there is an idea to make an automatic device which can tell us about the pray times and the *imsak* times (around ten minutes before *subuh*) schedule at the day. Besides that, the device also can give us information about pray times schedules anytime.

The device has been made by using a microcontroller IC AT89S52 as processor, tone and lamp systems which can give an alert for pray times and *imsak* times. The microcontroller program contains of pray time database during for one year (sun calendars).

Because of every place have different times in pray so in this final project, the device has been completed with other facility to adjust their time according to their place.