

## ABSTRACT

Today the use of information technology in Indonesia is in the implementation and development. Examples such as the use of gadgets, computers, televisions and even up to the board information that used to only use regular white board and writing the information manually by using boardmarker now using the monitor and computer based. But digital information boards that already exist it is still has many limitations such as still use the cable as the connecting medium, and large enough CPU usage as part of the system.

In this project will develop a system based on existing technology, which is a digital information system board. But there will be little difference in the board of this information will be used as a medium to deliver information Takmir (mosque officials) as well as using the web interface and will be implemented in the mosque. At the mosque will be installed a monitor that is connected by a mini CPU Raspberry Pi. This digital information board system will display information such as the call to prayer schedule, schedule study / lecture, Friday sermon lecturer , obituaries, cash Mosque and also information about the mosque in a web. The site is localhost and will be accessed by the CPU mini storage media automatically when the mini CPU device is turned on.

Final results from implementation of the Digital Display and Event Schedule Adhan Takmir Masjid using Web Interface is 100% of 24 people feel attracted to this system and the average delay of the adhan schedule alarm are 3.64 seconds on the clock that displayed by the monitor.

*Keywords: Adhan Schedule, Digital Information Board, Raspberry PI, Web.*