

ABSTRACT

Indonesia is one of the largest Muslim-majority populations in the world. In 2020 the Ministry of Religion stated that the Muslim community in Indonesia reached 229 million people from 276.3 million people. The mosque is a worship activity for Muslims in Indonesia, where all mosques have charity boxes as a means to donate to Muslims. Mosque administrators always provide comfort and security for mosque congregations for all forms of activities and activities contained in the mosque environment. To achieve this, it is necessary to have financial assistance from the congregation of the mosque and the surrounding community who give it directly to the mosque management or can also include infaq and sadaqah in the mosque's charity box. In Indonesia theft of charity boxes at this time is increasing due to the economic crisis and low human resources so that someone is compelled to commit theft of charity boxes for their daily needs. In order to prevent and minimize the theft of charity boxes carried out by someone who has bad intentions, the researcher will develop a security system on the mosque charity box by using a fingerprint system (Fingerprint) as a security system and a Microcontroller as a controller of a series of systems installed in the charity box. And also researchers will provide SMS notifications to numbers that have been registered into the SIM900 module that has a sim card installed.

Keywords : *Mosque, Charity Box, Fingerprint, Microcontroler*