ABSTRACT

One of the things that are routine and plural and even become one of the complements to Friday prayers is the tradition of holding a charity box, the box is transferred from one member of the congregation to the hands of another congregation. When we want to practice money, sometimes we are busy looking for money in our shirt pocket or pants pocket and fold the money and put it in the charity box. Therefore, we need a tool to make it easier when you want to do charity in the charity box, namely by entering the amount of the zakat balance and then sticking the card in the charity box. This system has several main components, namely Arduino Uno, RFID MFRC-522, 16x2 I2C LCD, and 4x4 keypad. This system is very easy to use by inputting the balance amount then sticking the card on the MFRC-522 sensor, the balance will be deducted automatically according to the input.
Keywords: Arduino Uno , RFID MFRC-522, LCD 16x2 I2C, keypad 4x4