

ABSTRACT

For people who are busy every day , using the services Laundry and Dry Cleanning , provide benefits for many people . However , one of the disadvantages of using this service is to lose or confuse our clothes with someone else's clothes . This is because the laundry providers do not use the system or tool that can identify the ownership of the clothing .

Therefore , at the end of the project , designed a system identification clothes using RFID and SMS notification. This clothes identification systems, using multiple components . Among them , RFID tags , RFID Reader , sismin , PCs and mobile phones that function to send notification . The last process of this system is the notification that is sent by a mobile phone on laundry providers . Notifications are sent in the form of information that the clothes are ready taken..

The results of this final project , the system can identify the clothing as appropriate . Percentage of 80 % is obtained . The time it takes the system to transmit the data from the RFID reader to the database is 30 seconds . From the results obtained , it can be concluded that the system is running well.

Keywords : RFID Tag , RFID Reader , SMS Notification