

ABSTRACT

Fatalities in Indonesia has a high number because natural disasters and low awareness during traffic. The victims are found not have a complete identity document or their identity has been lost when a natural disaster occurs, this makes it difficult to get information about the identity of the victims.

In this final project discusses about the victim identity detection system using fingerprints and face recognition. Fingerprints have a high degree of accuracy because everyone has a different shape. Face recognition is a method for determining a person's face can be recognized or not, where the system makes comparisons with facial patterns.

Based on the test results from the system it was found that the system can detect and display the identity of the victim well using fingerprints and face recognition. The accuracy of fingerprint is 90% more precise with 20 fingerprint samples. And to face recognition, it can detect face images up to a distance of 90cm with an average level of accuracy 75,8%.

Keywords: Victim, fingerprint, face recognition, identity.