

## ABSTRACT

*The door is the main access to a place. Security is the main thing that must be considered in everyday life. Likewise with security in a place, whether in the form of a house or other important storage areas, a security system at the door becomes an important role to maintain access to an important place.*

*Currently the security system on the door still uses manual locks. The use of manual keys is still vulnerable and not very safe to use. As technology develops, technology plays an important role in helping people's daily lives. Technology also plays an important role in security systems.*

*In this final project, a smart door lock system is designed using voice recognition and fingerprint. In this security system, the door is covered by 2 authentications, namely voice recognition and fingerprint as a security system. It is hoped that the voice recognition and fingerprint security system can improve the security system at home or important storage areas, so that with this system access to enter an important place will be limited or only certain people can access it.*

**Keywords:** *voice recognition, fingerprint, access, security.*