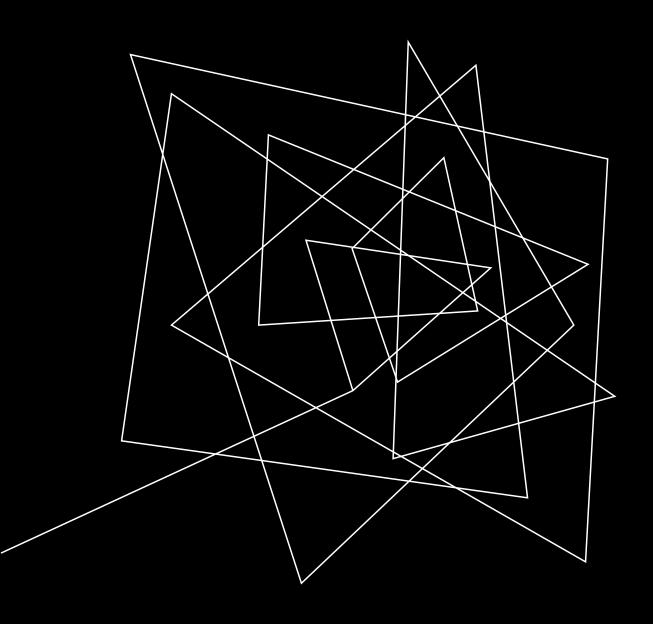


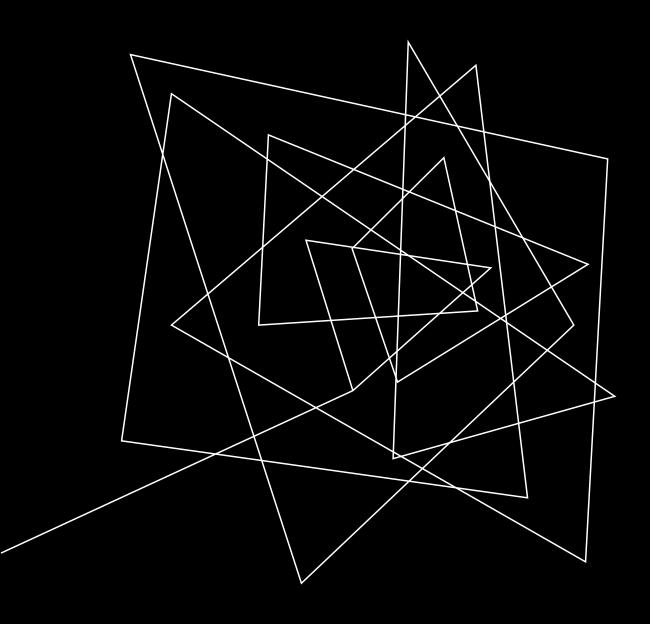
INTRODUCTION

Using face-recognition door locks, we can limit unauthorized people from accessing a room. The main benefit of having facial recognition locks, is it gives a user a hands-free access to the door, just by glancing at a camera for a second it does not need for the user to put down his/her things just to access the door.

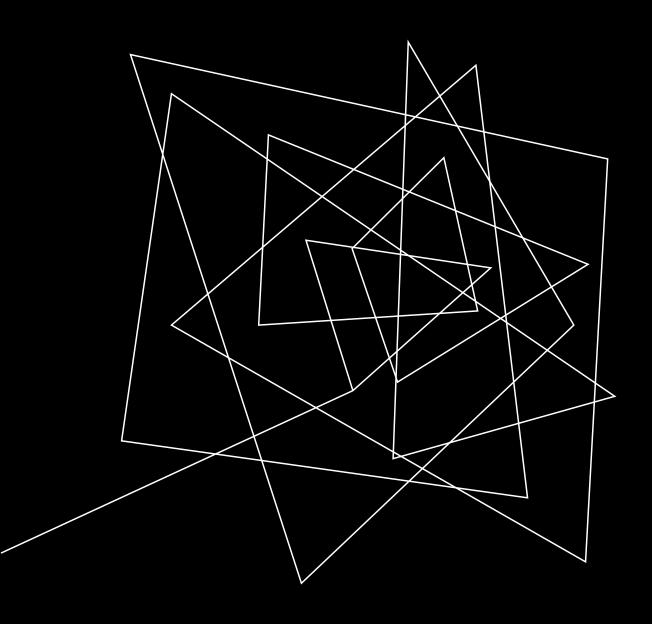
20XX PRESENTATION TITLE 2



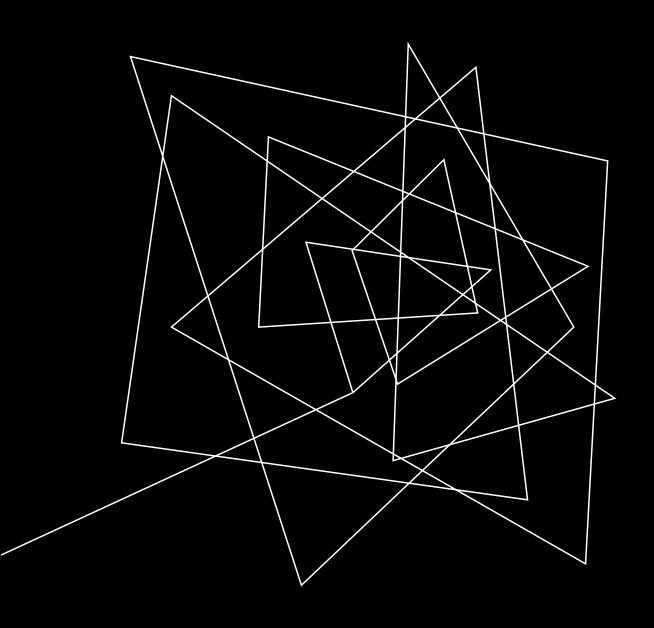
The main objective of this project is to develop a functional security system that ensures the safety of homes by allowing the authorized person to enter with their facial feature.



To design and implement a security system using Arduino that incorporates facial recognition scanning technology.

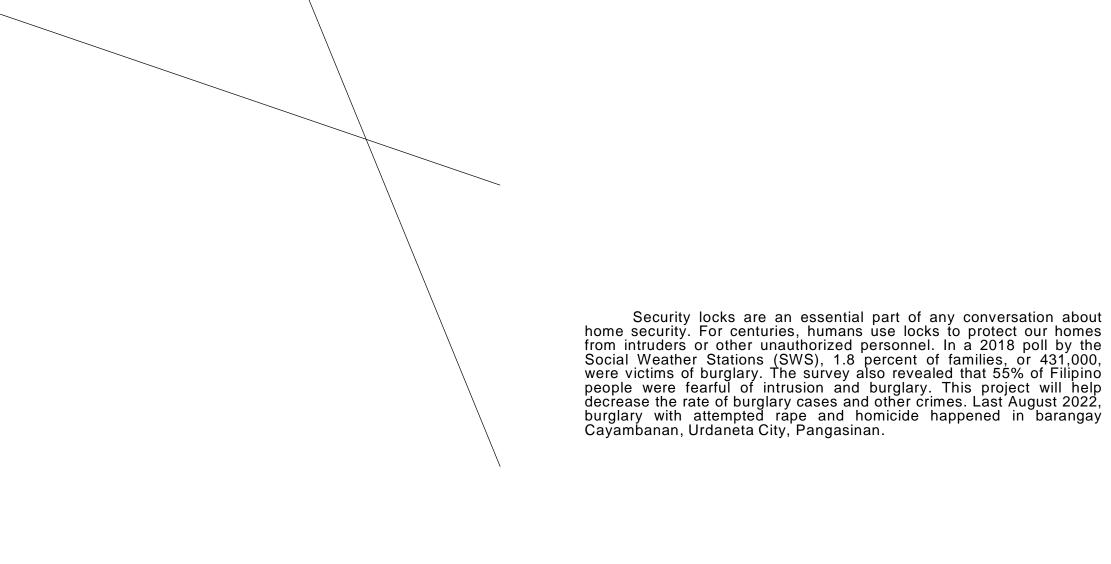


To design and develop a convenient security system for the persons with disabilities.



To explore the potential applications and future development of the proposed security system.

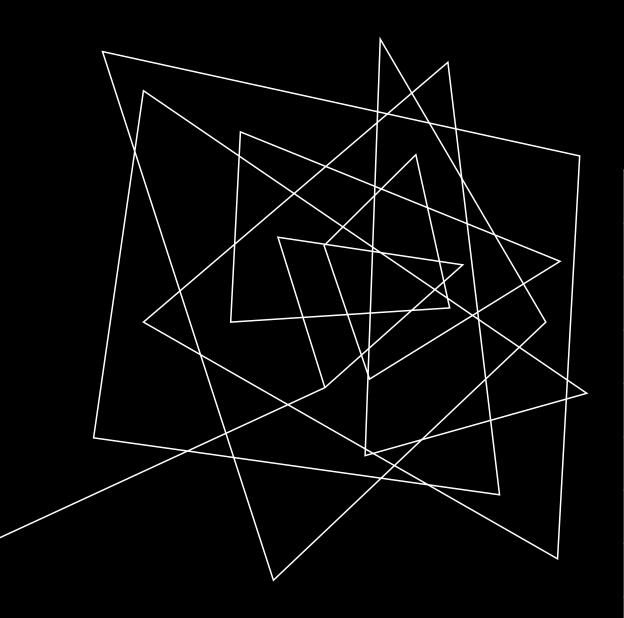




WHY ARE WE USING FACIAL RECOGNITION?

An important benefit of deploying facial recognition is that it offers a frictionless user experience, a valued feature during COVID-19 times, and a convenient approach for Persons with Disabilities.

10



MATERIALS USED

Quantity	Materials	Cost
1 piece	Plywood	Php 0
1 piece	Arduino Uno	Php. 0
1 piece	Camera	Php 0
1 piece	Solenoid Lock	Php 250
1 piece	DC 12V Power Supply	Php 145
40 pieces	Jumper Wires	Php 90
1 piece	Arduino Casing	Php 45
Total		Php 530







FINGERPRINT SCANNER IDEA WAS DISCARDED







