**PROJECT**

**ABSTRACT**

The degree of security is feeble. So there is a lot of robbery, theft going on in and around the world. So, people fear to keep any of their valuables in their homes. Henceforth, many people prefer to keep it in banks. However, in this insecure world even banks are not too safe enough to satisfy people needs. A common man feels his valuables are secured if there is efficiency in security. Hence this project can give effective security in minimal cost.

# Security is a main concern in our everyday life. Each and every individual needs to feel secure. An access control for doors forms an essential part in our security pattern. Doors locked using conventional locks are not as safe as they used to be, anyone can break in by breaking these locks. We n to make a framework that will give 24/7 benefit.

Password based door lock system allows only approved persons to access restricted areas. This system is fully controlled by Arduino. The password can be entered via a keypad. If the password is matched with the stored password in Arduino the door gets open.

This programmed password based bolt framework will give client more secure and minimal effort method for locking-opening framework. The security door lock automation system promises a bold step to the future where mechanical door locks will be substituted by electronic door locks.

