

FIOT SMART LOCK

There are a lot of great smart devices out there that would be cool to have. And then there are devices that will make you wonder how you ever lived without them.

Smart locks are at the top of that list. With a smart lock, you can feel and enjoy the safety, security, and convenience of managing your valuable items wherever you are the system works using keypad to enter a password to the system. If entered password is correct then door is open by motor which is used to rotate the handle of the door lock. System also includes extra features like adding new users and changing old password etc. We surveyed many smart doors locking system. We found that these products are very expensive. Some of the implementation mentioned in the literature survey is very cost effective in implementation but do not provide multi-user or multi level functionalities. We identified these requirements and thought to develop a system which is cost effective in implementation and having more advanced features like multi user and multilevel . These features are the need of time and such functionalities will make the system more useful.

The implemented system is very cost effective. It is very easy to install and configure the system. The system provides different modes of operation (Single User, Multi -User, Multi Level), which makes the system more attractive and useful.

Existing System Feature:

1. Single user can login and use the system.
2. Cannot reset the password.
3. Right Authenticate person is not aware about the current situation of the lock whether it is open or close.
4. Current system doesn't provide the GPS tracking facility.

FIOT Locks feature:

1. Password based authentication and multiple user can login and access.
2. Password recovery can be performed easily.
3. Its provide GPS tracking and GSM module facility.
4. Owner gets the live location of the system and also aware about the current location.