FACULTY OF ENGINEERING TECHNOLOGY

INVENTORS

SITI NURI ZZATI BINTI ZULKIFFLI
NADIRA BINTI ANUAR
AHMAD FARIZ BIN HASAN
MOHD FIKRI BIN CHE HUSIN
MOHD NORHAFIZ BIN HASHIM

CONTACT DETAILS

FACULTY OF ENGINEERING TECHNOLOGY,
ELECTRONIC DEPARTMENT,
Universiti Malaysia Perlis (UniMAP)
Aras 1, Blok S2, Kampus UniCITI Alam
02100 Sungai Chucuh, Padang Besar,
Perlis.
E-MAIL: farizhasan@unimap.edu.my
H/P NO.: 019-5697936

SMART LOCKER SYSTEM

Project Background

- *Smart locker sytstem is modified current locker to keep precious things inside.*
- *It was being integrated with the electronic system for security purposes.*
- *It used owner fingerprint notification to open the locker.*
- *If the locker is being open without owner permission, the buzzer will be sound up.*

Problem & Causes

- *Currently the problem with current locker is too many burglaries occur when the goods are being store in the locker.*
- *Losses in the event of a damaged locker and users can not use it anymore.*
- *Therefore, unsafe for users to store their goods.*

Propose of Solution

- *Improve safety locker of easily invaded by unscrupulous people.*
- *Enable users to store safely.*

Project Achievement

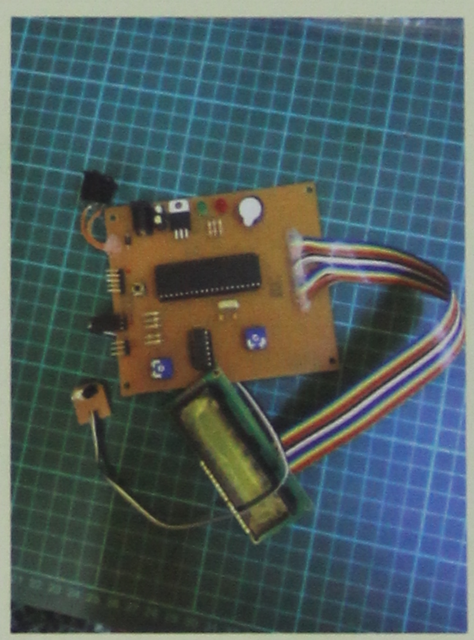
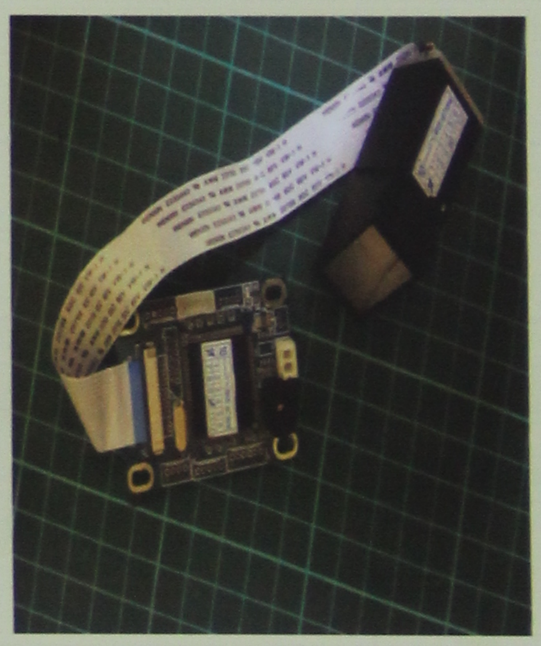
- **Locker can be used by any industry such as manufacturing industry, centers of learning such as in public or private institutions and also shopping complex for store staff goods.**
- **Can help in terms of safety, such as prevention of the occurrence of the theft of goods.**

Propose of Application

- *Reinvent locker safer for the user to store goods.*
- *Using electronic elements and programming for the locker.*
- *Applying automatic aspect locker system.*

Description / Use

- *First of all, place your finger on a fingerprint sensor to open the locker door.*
- *After detecting the user's finger, the door will open automatically*
- *When the door opened, the light will automatically light locker..*
- *Upon the occurrence of aggression locker, siren will sound.*

Future Improvement

- *Integrated with the GSM module to automatically notify the owner if the occurrence of aggression happen to the locker*