Overview

System Start at user mode

To switch between modes Press '*' button

Admin mode

LCD_OUT(ADMIN MODE) for 3s

LCD_OUT(Admin password)

then Enter Admin password from the keypad

LCD_OUT(Entered successfully) for 3s

LCD(1- Add user

      2- Delete user)

1- Add user

LCD_OUT(Enter password)

Enter password

Save EEPROM -> id

2- Delete user

LCD_OUT(Enter id)

Enter id

Delete from EEPROM

Usermode

Switch red led on

LCD_OUT(USER MODE) for 3s

LCD_OUT(Enter password)

then Enter user password from the keypad

LCD_OUT(Entered successfully) for 3s

If (Correct)

Switch Green led on

LCD_OUT(Welcome user_id)

Unlock the system for 10s

Else
Count_false_tries++;
LCD(Wrong password
 Cnt Tries left)

if(Count_false_tries == 3)
LCD(00:60)
Trigger relay
Switch on buzzer
Lock any input to the system
Countdown
If (00:00) return to user mode

Components
PIC
Crystal, capacitors
Keypad
LCD
LEDS
Resistors
DC, regulator
Board
Potentiometer
Relay