



**SMART HOME**  
LET'S WRITE THE FUTURE.....!!!!!!



SUBMITTED  
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# INTRODUCTION

- Smart Home is collaboration of technology and services through a network for better quality living. A smart home allows the entire home to be automated and therefore provide ease and convenience to everyday activities in the home. This technology is used to make all electronic devices to act 'smart'. Soon almost all the electronic devices will take advantage of this technology through home networks and the internet. Many people think this technology as pure networking.



# INTRODUCTION

- Others think this technology will reduce their workload, but smart home technology is combination of both and much more. Smart home technology is currently being implemented for entire house in particularly kitchen and living room. Basically, smart home facilitates users with security, comfortable living and energy management features as well as added benefits for disabled individuals.







## PROJECT DESCRIPTION:

Our Project Works  
When username and  
password is correct.

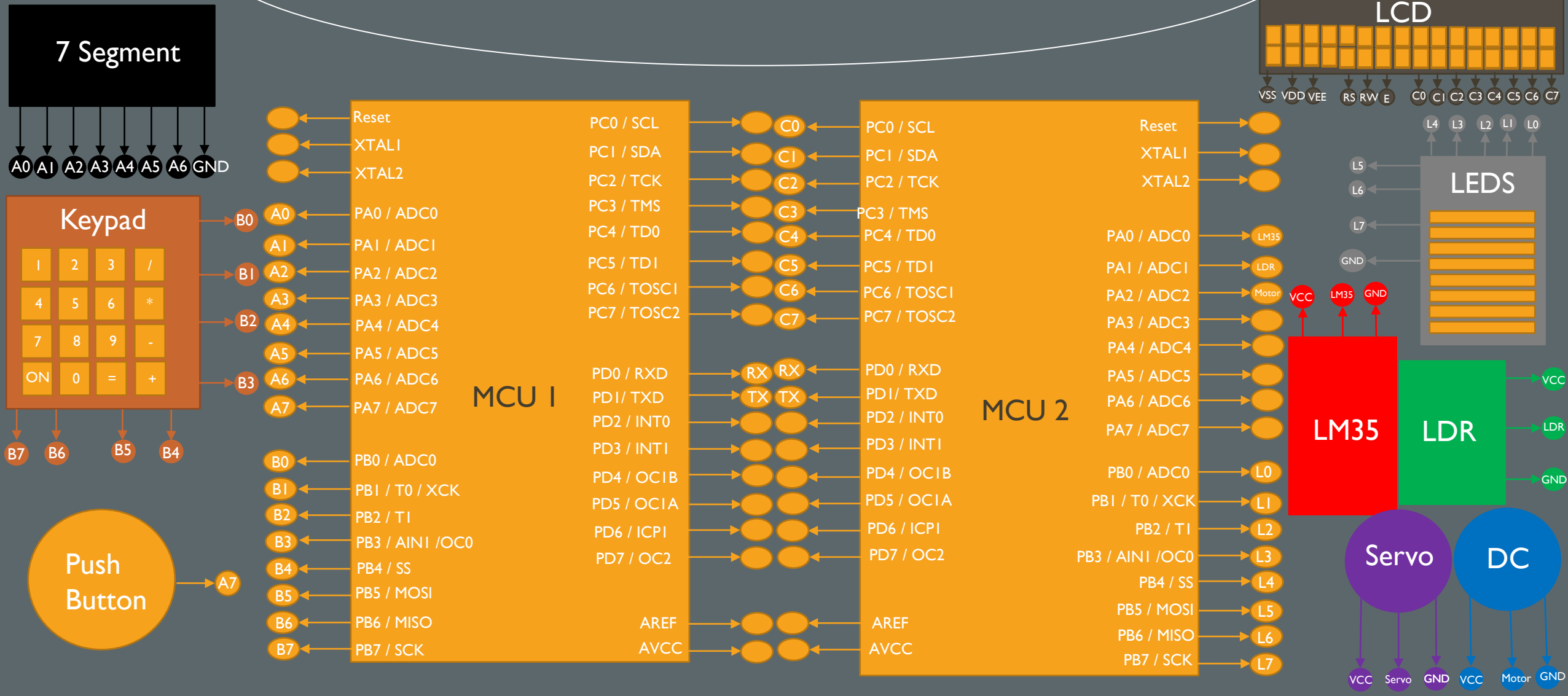
After that the door  
of the house opens.

The illumination is  
varied According to  
the sun light during  
The day.

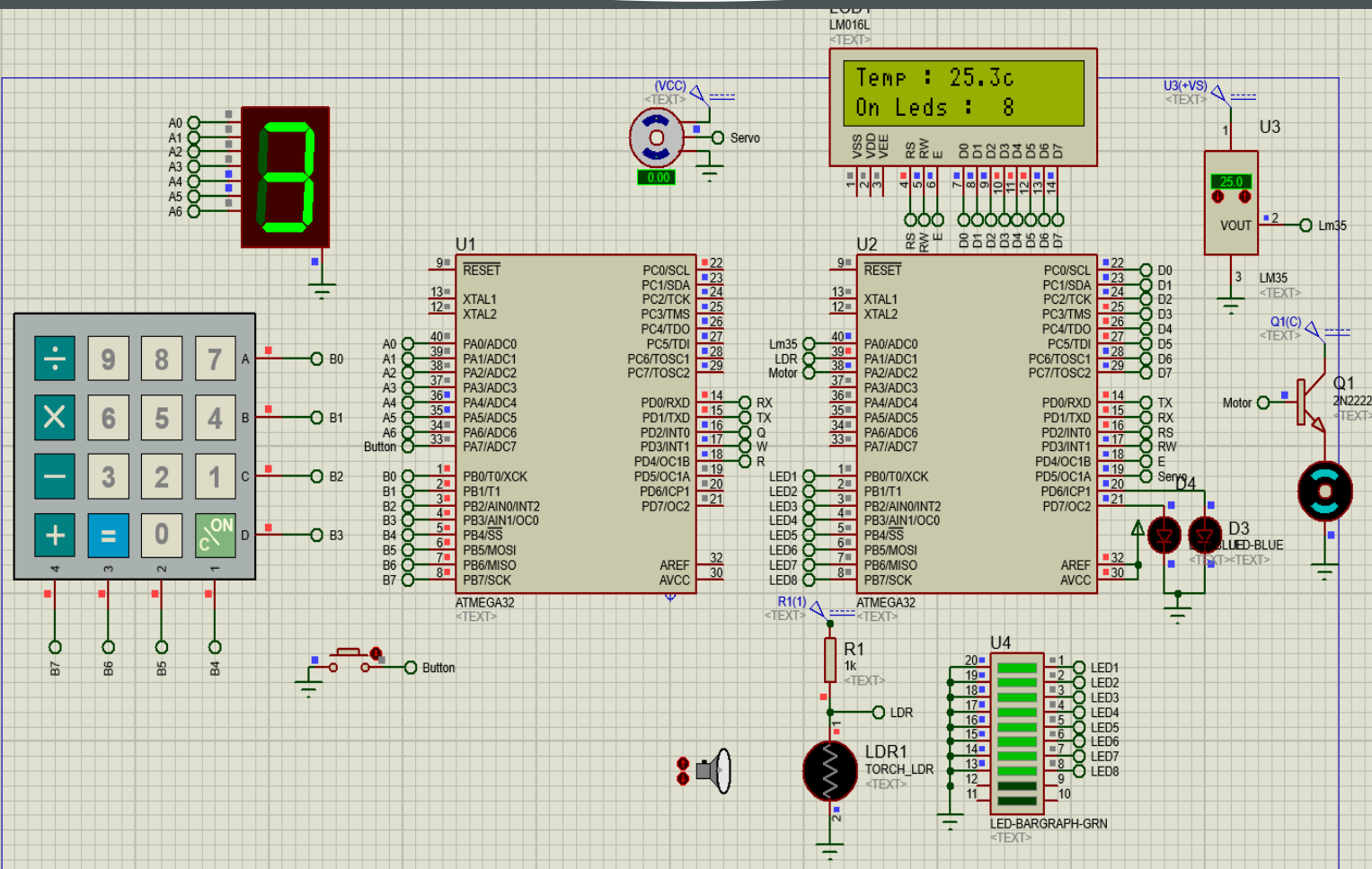
The System consists  
of LCD to show the  
Temperature and  
numbers of opened  
lids during the day.



# TARGET COMMUNICATION SYSTEM:



# SIMULATION:



## Devices:

1. 2 \* MCU Atmega 32
2. 1 \* Keypad
3. 1 \* 7-Segment
4. 1 \* Pushbutton
5. 1 \* LCD 16\*2
6. 1 \* Temperature Sensor
7. 1 \* Dc Motor
8. 10 \* LEDS
9. 2 \* Resistors
10. 1 \* LDR Sensor
11. 1 \* Transistor



**VIDEO :**



DEVICES

2N2222

7SEG-COM-CAT-GRN

ATMEGA32

BUTTON

KEYPAD-SMALLCALC

LDR

LED-BARGRAPH-GRN

LED-BLUE

LM016L

LM35

MOTOR

MOTOR-PWMSEVO

RES

TORCH\_LDR

