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Smart Home

Department : Computer Engineering

Course Code : CC421

Course Name : Microprocessor Systems

Lecturer : Prof. Ahmed Fahmy

# Summary:

[WRITE A BRIEF ABOUT WHAT THE PROJECT DOES HERE]

# Introduction

[GET IN DETAILS ABOUT THE PROJECT. THIS INCLUDES]

* THE IDEA
* BACKGROUND ABOUT THE MAJOR COMPONENTS (8051 µP, SENSORS,,,)

# Methodology

[GET IN DETAILS HOW IS PROJECT IS DONE]

* HOW THE PROJECT WORKS
* INPUTS AND OUTPUTS
* HOW THE MAJOR COMPONENTS INCLUDED OPERATE
* WHY SOME SPECIFIC COMPONENTS ARE USED (TRANSISTORS, DRIVERS)

# Schematic:

[YOUR PROTEUS / WIRING DIAGRAM]

# Components and Tools:

LIST OF ALL THE COMPONENTS USED

# Code Illustration:

AN ILLUSTRATION ABOUT THE OPERATION OF YOUR CODE: (ANY OF THE FOLLOWING)

* FLOWCHART
* PSEUDO CODE

# Code Text:

YOUR ASSEMBLY CODE HERE

# References:

ANY REFERENCES FROM THE INTERNET, LIKE INFORMATION OR IMAGES OR TABLES