

HIGH LEVEL REQUIREMENT

In High level requirement I required or for project required Atmega 328, Door Sensor, It is the most important component. In this project I am controlling LED according to the output of different door sensor or We can say that Output Generated across led is also given to the potentiometer which represent our camera As one of our door will get open our door Sensor detect quickly and according to that it will give output to led to on and off and according to that we can understand That our camera will operate or not if this method is used this is very efficient utilization of electricity method In this Method we are wasting very less electricity and also Hard drive requirement will also get reduce to store data or video capture By camera.

LOW LEVEL REQUIREMENT

In Low level requirement I required a Embedded C program to run simulation For that One Ide is required you can use Visual Studio But if that is not working then you can also download Microchip or Atmel Studio It is an Ide In this you can very easily Get hex file or .elf file to run simulation . and we also require a simulation software In this project I have used Simul ide For Simulation. And We also require one led to show that our output we are getting is logically correct. And one potentiometer is also Required to show camera By the help of all these We can run this project. I have also check all the test case or all the possible Combination of Input that can come.