SMART HOME

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Smart home is my first project in Embedded Systems. The microcontroller, Arduino UNO is used in this project. A IC LM35 senses the atmospheric temperature and switches the fan ON and OFF in respective conditions. A photo resistor is used to detect the intensity of sunlight entering the room and switches the light ON and OFF in respective conditions. A PIR sensor is used in our project to detect the unwanted motions during night time or when there is no one in the home. A burger alarm rings when the PIR sensor detects motion. A LCD display displays the temperature and the intensity of light in that room.

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