

Smart Home

CSE316 Project Proposal

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Sensor-controlled Switches

Temperature & Humidity Measurement

Automated Door Control

Fire & Gas Leak Alert

Theft Protection & Alert

Smartphone Connectivity







Sensor-controlled Switches

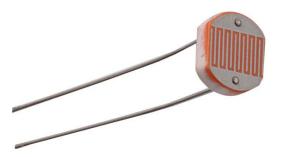
Temperature & Humidity Measurement

Automated Door Control

Fire & Gas Leak Alert

Theft Protection & Alert

Smartphone Connectivity



LDR 5mm



Temperature & Humidity Measurement

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Sonar Sensor (HC-SR04)



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DHT22 Digital Temperature
Humidity Sensor



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LCD Display 16X2



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Servo Motor SG91R



Temperature & Humidity Measurement

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Smoke Sensor (MQ-6)



Sensor-controlled Switches

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Gas Sensor Module (MQ-5)



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Flame Sensor



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Buzzer



Temperature & Humidity Measurement

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SIM900 GSM GPRS Shield



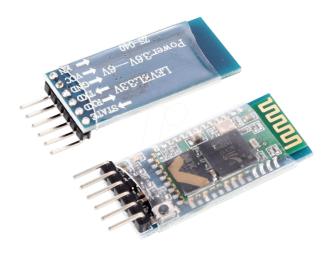
Temperature & Humidity Measurement

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Arduino Bluetooth Module (HC-05)



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Android App



