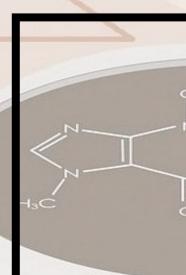# Security System Block Diagram

Alarm System (Main Module)

Light Sensor
Input: Light sensor Device
Output: Status of Light Sensor Device

System Arming
Input: A code is entered via slide switches
Output: System is either armed or unarmed

System Display
Input: Armed status
Output: ON or OFF on the SSD

Alarm Sound
Input: Light Sensor status and armed status
Output: Alarm sound through the speaker

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