









•ENTRY DETECTION: WHEN A PERSON ENTERS THE AREA,
THE MOTION SENSOR AT THE ENTRANCE DETECTS
MOVEMENT. THE PROGRAM INCREMENTS THE VISITOR
COUNT.

•EXIT DETECTION: WHEN A PERSON EXITS THE AREA, THE MOTION SENSOR AT THE EXIT DETECTS MOVEMENT. THE PROGRAM DECREMENTS THE VISITOR COUNT.

Retail Stores:

Customer Footfall: Track the number of customers entering and exiting a store to understand peak hours and optimize staffing.

Visual Indicator: The bulb can light up to visually indicate increased customer activity during busy periods.

•Office Spaces:

Occupancy Monitoring: Count the number of employees present in the office to optimize energy consumption (e.g., HVAC) and allocate resources.

Visual Indicator: A lit bulb can signify a high occupancy level, prompting employees to consider alternative workspaces or adjust their schedules.

Events and Conferences:

Attendee Counting: Count the number of attendees entering and exiting event venues to assess attendance and manage resources.

Visual Indicator: A lit bulb can signify a large number of attendees, prompting event organizers to provide additional amenities or services.

Educational Institutions:

Classroom Attendance: Track the number of students entering and exiting classrooms to monitor attendance and identify absenteeism.

Visual Indicator: A lit bulb can indicate a high number of students present, helping teachers adjust their lesson plans or teaching methods.









