Nandha Engineering College [Autonomous] , Erode – 638 052

Department of Electronics & Communication Engineering

AUTO GREETING SYSTEM

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MOTIVATION

The motivation for using a PIR Sensor-based Auto Greeting System presented in this project. This project showcases the potential of such a system to enhance engagement in a variety of scenarios, fostering an inclusive and user-centric environment.

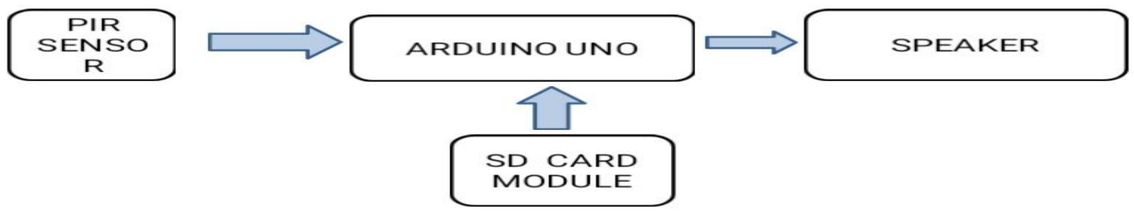
OBJECTIVE

The objective of the Simple PIR Sensor-based Auto Greeting System is to accurately detect the presence of individuals using the PIR sensor and Arduino, delivering smooth and pleasant audio greetings through the speaker.

APPLICATIONS

- Enhancing Customer Engagement
- Welcoming Patients with Automation
- Personalizing Hospitality
- Innovating Corporate Spaces

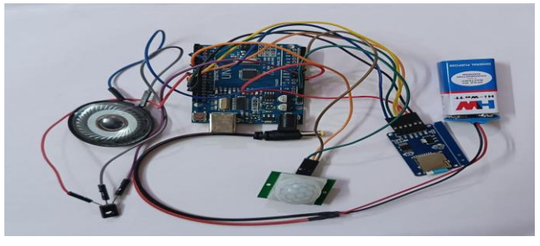
BLOCK DIAGRAM



WORKING PRINCIPLE

It uses a microcontroller works by receiving sensor inputs, processing data, and making decisions about potential threats. If a threat is detected, it activates alarms, sends alerts, and allows remote monitoring.

RESULT



CONCLUSION

The Auto Greeting System blends tech and human connection, creating meaningful interactions beyond mechanics, bridging technology and emotion.

Total Cost- **Rs 1,500/-**