Activity Monitoring System for Infants

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The Problem

- Home alone babies
- Parents/Caretakers with hearing impairments



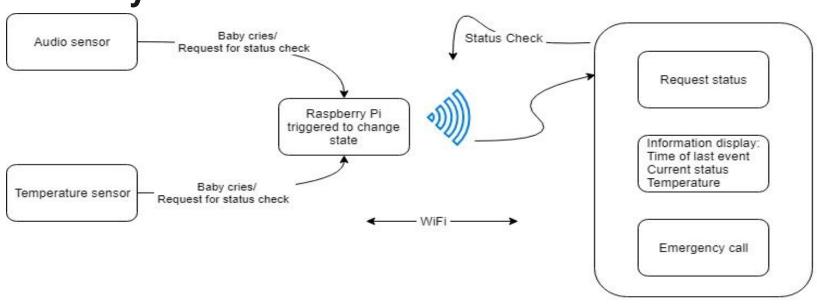
1. Google images

Our Proposal

An Internet of Things based "activity monitoring" product that allows caretakers to remotely keep an eye on the baby's health and activity.

Basic System Architecture

Client



Server

Technology used

- Raspberry Pi3b
- Audio Sensor
- Temperature Sensor [DS18B20]

Amazon AWS DynamoDB

Amazon AWS CloudWatc h Notifies through a web application

Future Scope

- Algorithms to analyze the pattern of the behavior
- Sensors for respiration and breath pattern monitoring
- Sensors for movement tracking [PIR sensor]