



Guarding  
Angels

# Baby Care System

By:

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# The Team



Michelle, Marinés, Vimaliz

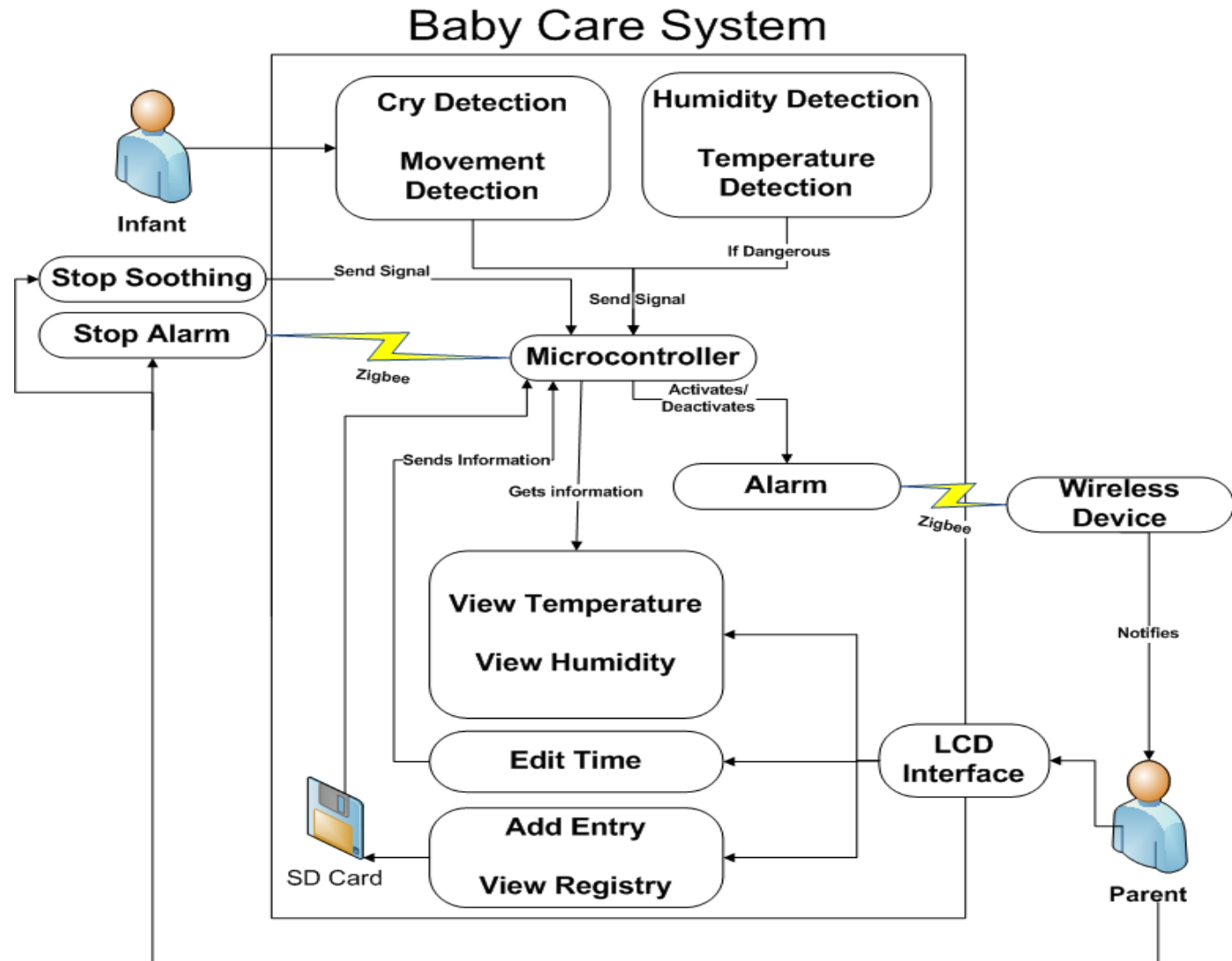
# Objectives

- Create a tool for hearing impaired parents to help them with the infant's daily care
- Minimize the risk of SIDS cases
- Monitor room's temperature and humidity
- Alert parents when the baby needs attention
- Provide a mechanism to soothe the infant

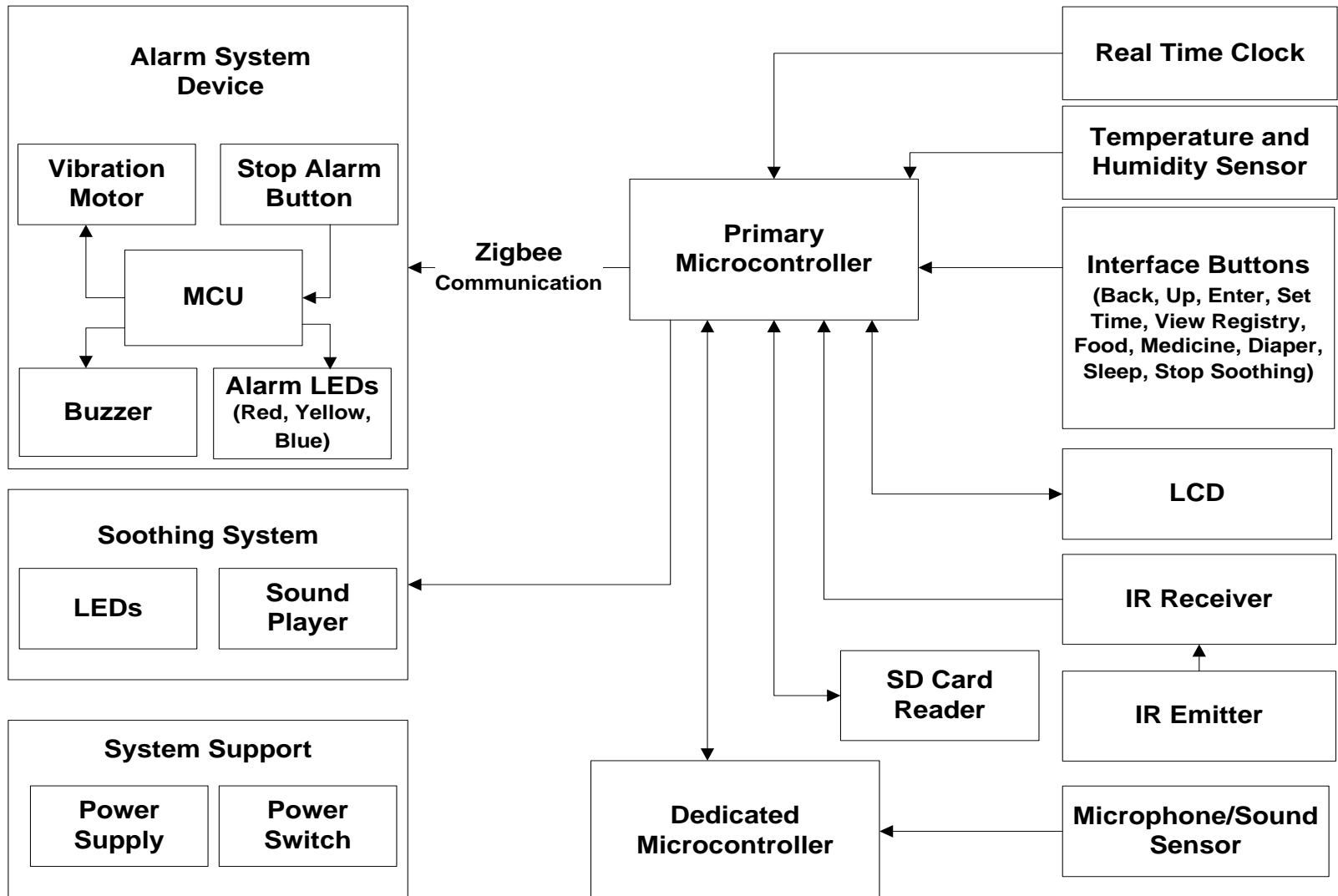
# Baby Care System Description

- **Components**
  - Crib device
  - Wireless alarm
- **Features**
  - Temperature and humidity detection
  - Daily registry
  - Cry detection
  - Position detection
  - Wireless communication
  - Soothe mechanism

# System Diagram



# Product specifications



# Summary

- Baby Care System's market is focused on parents with hearing disabilities
- Composed of two devices
  - Main console
  - Wireless alarm
- Main competitive advantage
  - Combination of the main functionalities from other systems into one single device



# Fall 2010 Projects

Zero Force Mouse  
GLAD Environment

OnPet

E.A.R.S



# Zero Force Mouse



Humberto, Pedro, Mariano, Amilcar

- This mouse will facilitate the human-computer communication by allowing people with disabilities to control the computer with a minimal movement and force.

# GLAD Environment



Ashley, Domingo, Gabriel, Luis

- The project consists of a temperature monitor-and-control system for multi-room buildings. It can be managed from any computer using the PC application or via internet, which makes it possible for the user to manage the system remotely.

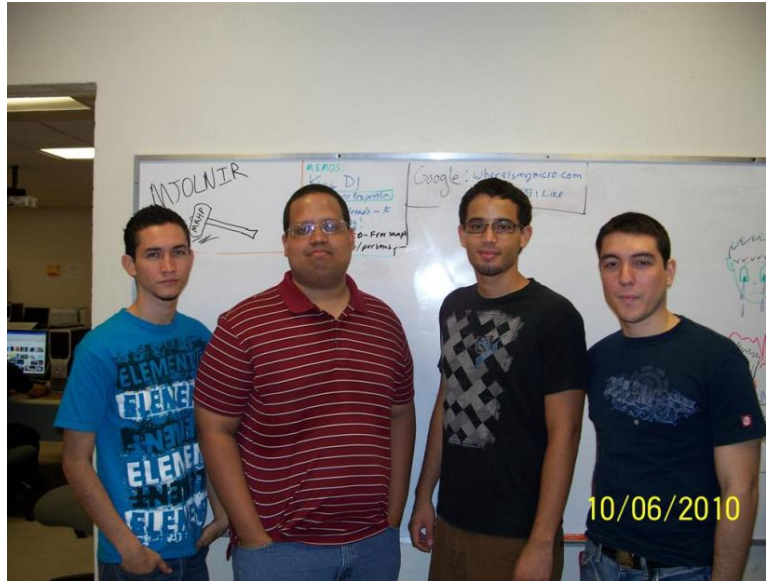
# OnPet



Emmanuel, Juan, Leonardo

- Its goal is to help people locate their pets. The device will be attached to the pet in a vest-like accessory and will include a GPS receiver to get the pet's location. The data will be stored in a database and shown in a website.

# Electronic Attendance Registry System



Relvin, Victor, Rafael, Emmanuel

- The project will assist universities in collecting and analyzing student attendance data. The information will be processed to generate attendance lists, compare with other courses and generate statistical data.

# Thank You!



Questions:

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