

Low Cost Digital Thermometer and ECG

Contact Person

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Team

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Week

January 23 to January 29 2009

Problem Statement

Developing countries are in need of a low cost ECG and digital thermometer to interface with innovative display technology. These devices should incorporate circuitry with a human sensory interface.

Last Week's Goals

- Assign team roles
- Exchange contact information
- Conduct preliminary research on both projects
- Set up meeting with Amit Nimunkar (contact person)

Accomplishments

- Began research on technology for digital thermometer
- Used bioinstrumentation lab involving temperature measurement to learn about thermistor and infrared temperature sensors
- Set up meeting with Amit for Thursday January 29

This Week's Goals

- Begin preliminary PDS
- Meet with Amit
- Attend supplementary electronics seminar
- Continue research of temperature measurement to decide on what technology fits best with this project

