Pediatric Monitoring Device



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Business:

We approached Dr. Ramnath (Pediatrician), Dr. Vamsi Krishna (Pediatrician). The cost of product is 2000/- and Revenue per month is 50,000/-. We can sell our product to pharmacies and pediatric clinics through online or by direct marketing.

Contributors

Dr. Vijaya Kumari – suggested to detect Seizures based on symptoms.

Sandeep - suggested to concentrate more on temperature feature. Helped in building the product.

External reviewer – Helped in minimization.

Customer Stories:

Sinthura said that device could lead the “less Panic” because it monitor the temperature and seizures all the time.

Technology:

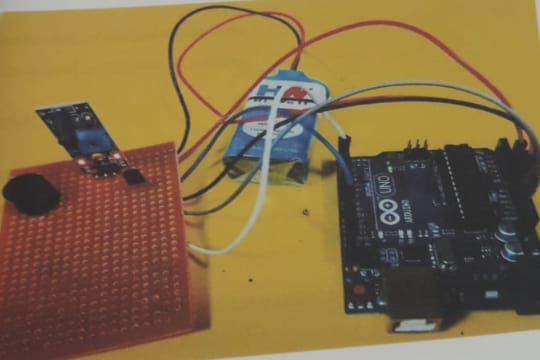
* Arduino Nano.
* LM35 Temperature Sensor.
* SW420 Vibration Sensor.
* Buzzer.

Problem: Early detection of onset of febrile seizures is difficult and requires continuous human monitoring.

Product: A device detects rapid rise in temperature, also onset of seizures and alerts the caretakers.

Progress:

* Week1: Redesign of prototype.
* Week2: Meeting pediatricians and parents of some children.
* Week3: Building the product.
* Week4: Planning and strategizing the financial model.
* Week5: Testing the product
* Week6: Completing the product building for planned scope.

Initial Prototype: