



Inspiring Excellence

CSE360: Lab SEC 06

Fall – 2021

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Group Name:

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Project Proposal

Project Name: Health and Fitness analyzer using heartbeat and temperature sensor.

Project Overview:

Temperature and Heart Beat Rate are two fundamental components of health and wellbeing that our health monitoring system simulates.

In our monitoring system, it displays the numerical value of these two factors and maintains a data logger system in which the patient's information can be recorded for check-up purposes. Also, a waveform chart can also be used to visualize the output values. The current heartbeat, time in seconds, heartbeats per minute, and body temperature are represented by the circuit output values in the LED.

Expected Equipment:

- **Software used:**
 1. Proteus
 2. Arduino IDE
 3. LabVIEW

- **Sensor used:**
 1. Temperature sensor
 2. Heartbeat Sensor