CSE360: Lab SEC 07

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Group Name: Shinchan

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Project Proposal

Project Title:
Patient's heart beat and temperature monitor system

Project Overview:
In every hospital, doctors have to measure a patient's heart beat, because by measuring heart's beat doctors can identify that the patient is in which stage and what treatment is needed for him/her. Moreover, in many cases doctors need to measure temperature of the patient like when he/she has symptoms of fever or any other diseases, especially at this moment when COVID-19 is a global pandemic in the whole world, in this stage to visit from one place to another everyone has to scan his/her body's temperature. In this circumstance, we build a project to measure a patient's heartbeat and temperature using "**Heartbeat**" sensor and "Temperature **(Lm35) sensor**".

Expected Equipment:

1. Arduino
2. Compim
3. Heartbeat sensor
4. Lm35 sensor
5. Virtual terminal