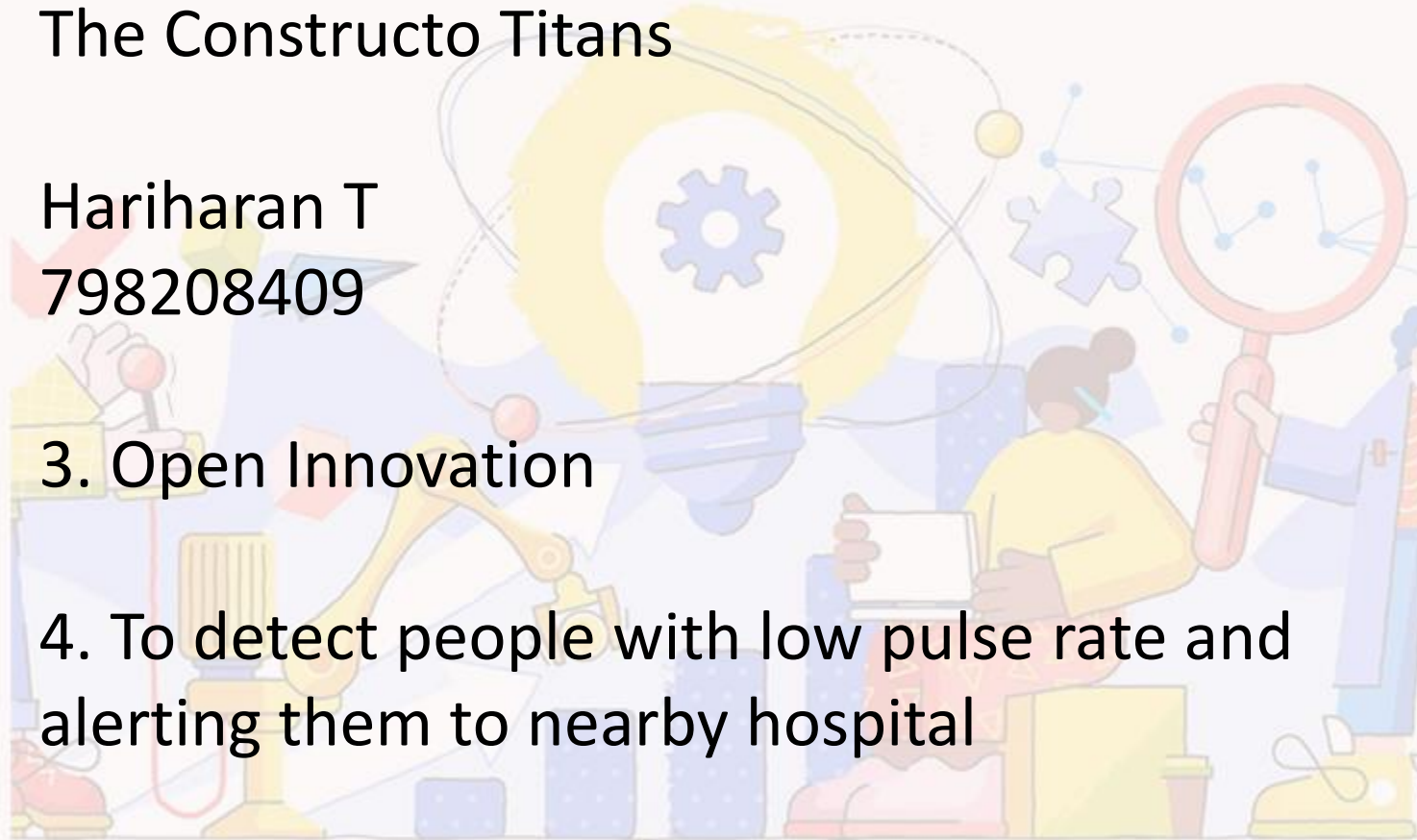


## The Constructo Titans

Hariharan T  
798208409

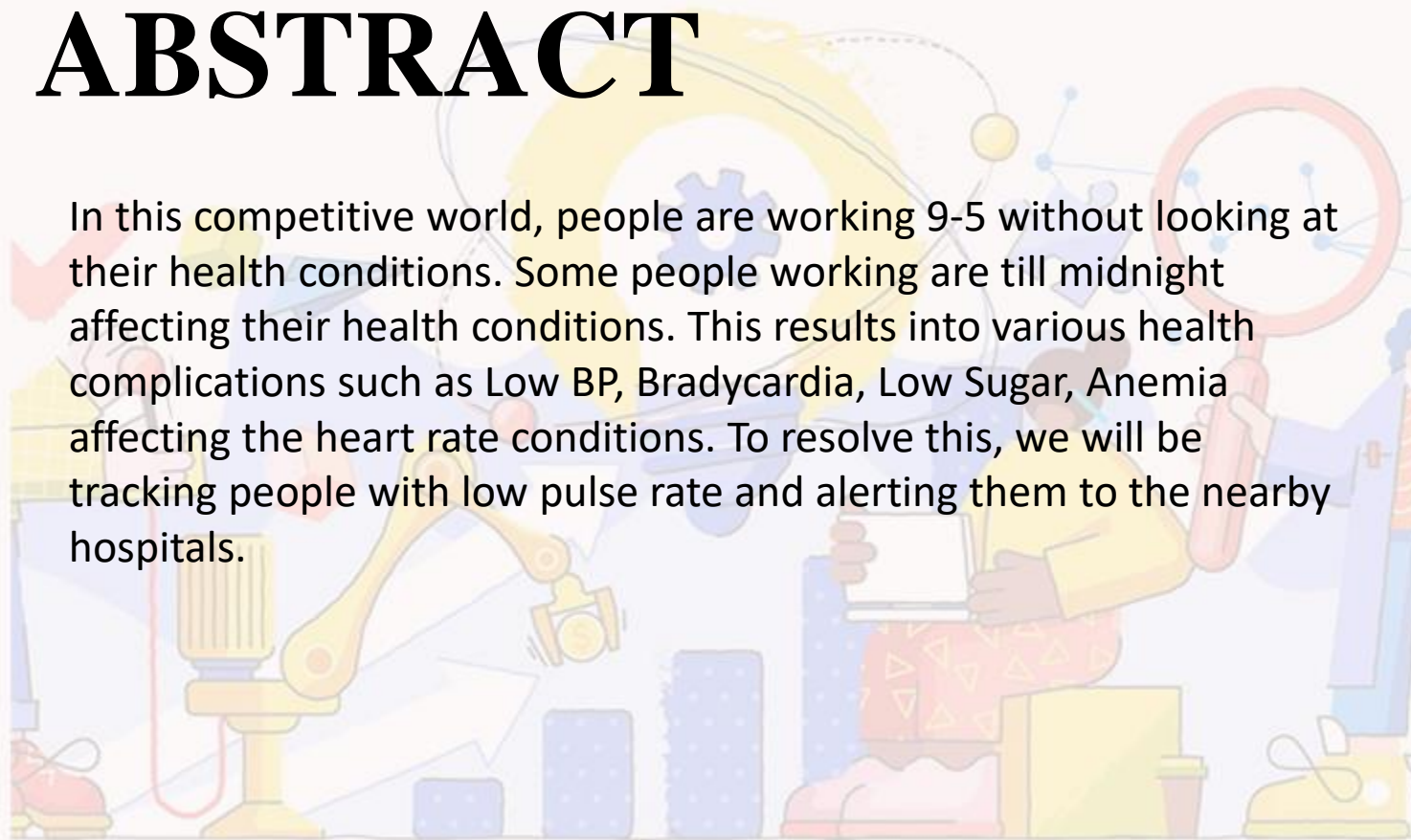
3. Open Innovation

4. To detect people with low pulse rate and alerting them to nearby hospital



## ABSTRACT

In this competitive world, people are working 9-5 without looking at their health conditions. Some people working are till midnight affecting their health conditions. This results into various health complications such as Low BP, Bradycardia, Low Sugar, Anemia affecting the heart rate conditions. To resolve this, we will be tracking people with low pulse rate and alerting them to the nearby hospitals.



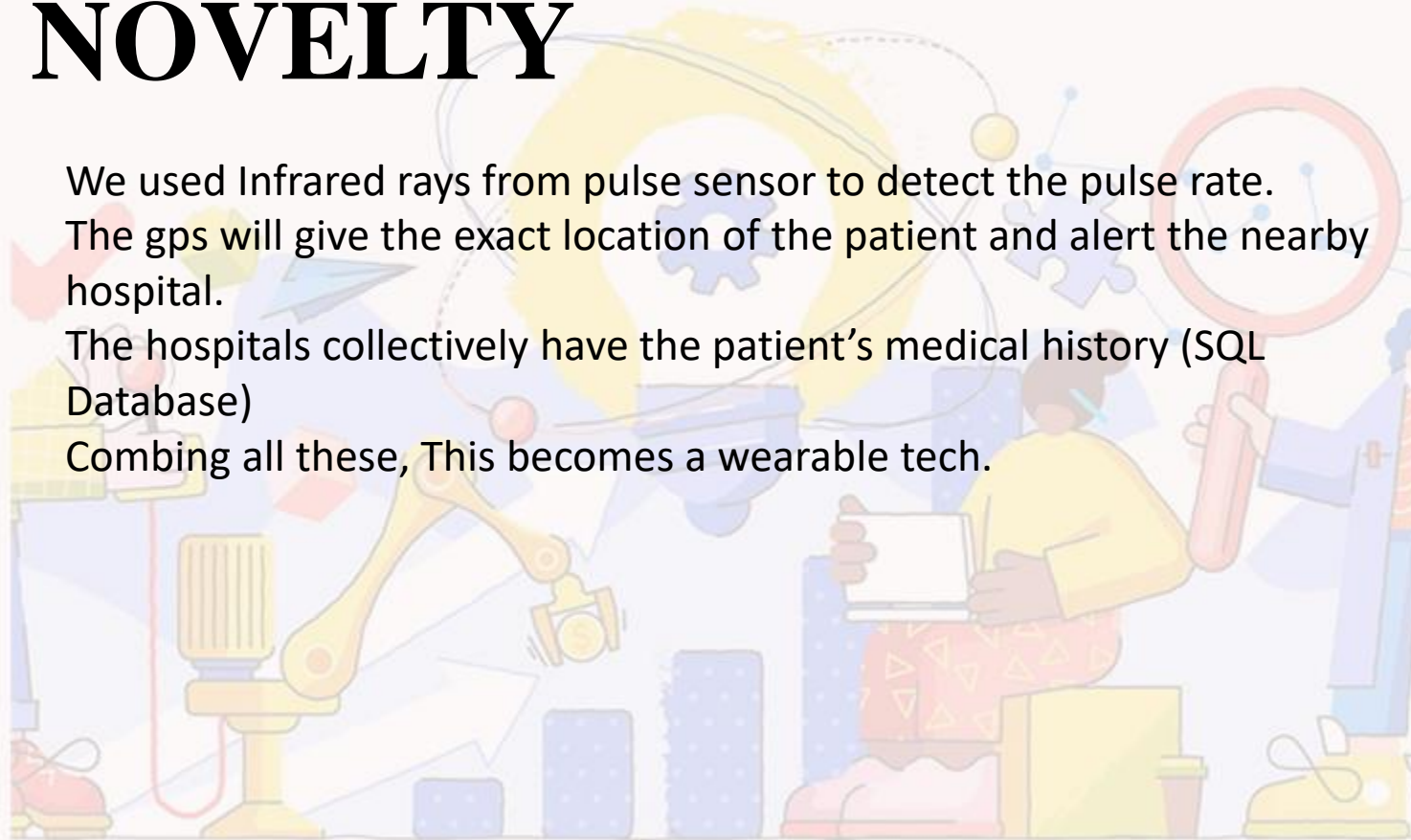
## NOVELTY

We used Infrared rays from pulse sensor to detect the pulse rate.

The gps will give the exact location of the patient and alert the nearby hospital.

The hospitals collectively have the patient's medical history (SQL Database)

Combining all these, This becomes a wearable tech.



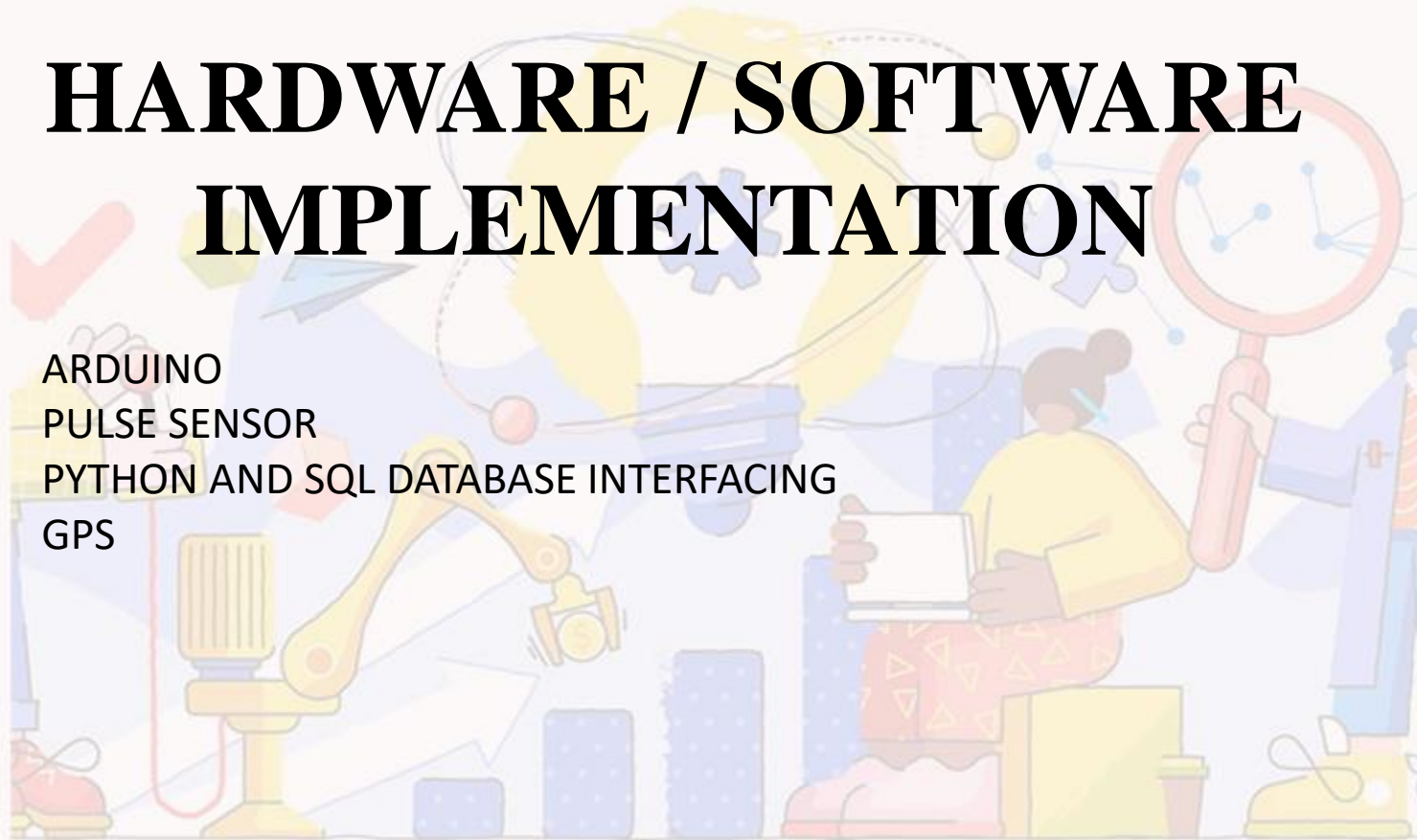
## TECHNOLOGY STACK

Python  
Raspberry Pi  
C++  
MySQL



# HARDWARE / SOFTWARE IMPLEMENTATION

ARDUINO  
PULSE SENSOR  
PYTHON AND SQL DATABASE INTERFACING  
GPS





## BUSINESS SCOPE

This will benefit the medical industry where now they can easily track patients with low pulse rate and the cost shall be deducted from the wearable thing connected with their bank accounts

