

Technical Information

The whole system will work on two device principle

1. Portable Computer
2. Arduino Micro controller
3. Sensors

Portable Computer

The computer will be responsible to run and execute the software and execute the python backend with connecting with the webserver through Django and provide a suitable environment for the with a beautiful UI

*For making the complete project portable we can use a mini comuter known as rusberry pie but as we have issue with our budegt so we are running the software on our personal system.

Arduino Micro Controller

Arduino Board is a microcontroller which needs to be programmed as per our convenience, so we used the board to convert the electricals signals recieved by the various sensor and form a binary code so that it could be suitable for the ML model to undernstand and provide results.

Sensors

We have use variety of medical sensor plus some basic sensor through which we can provide the user accurate result they want