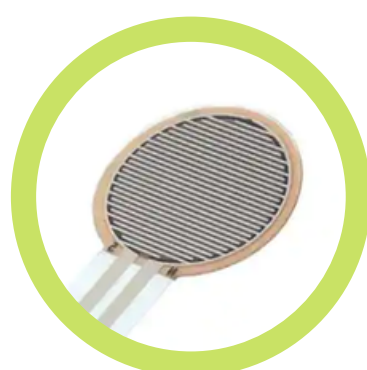
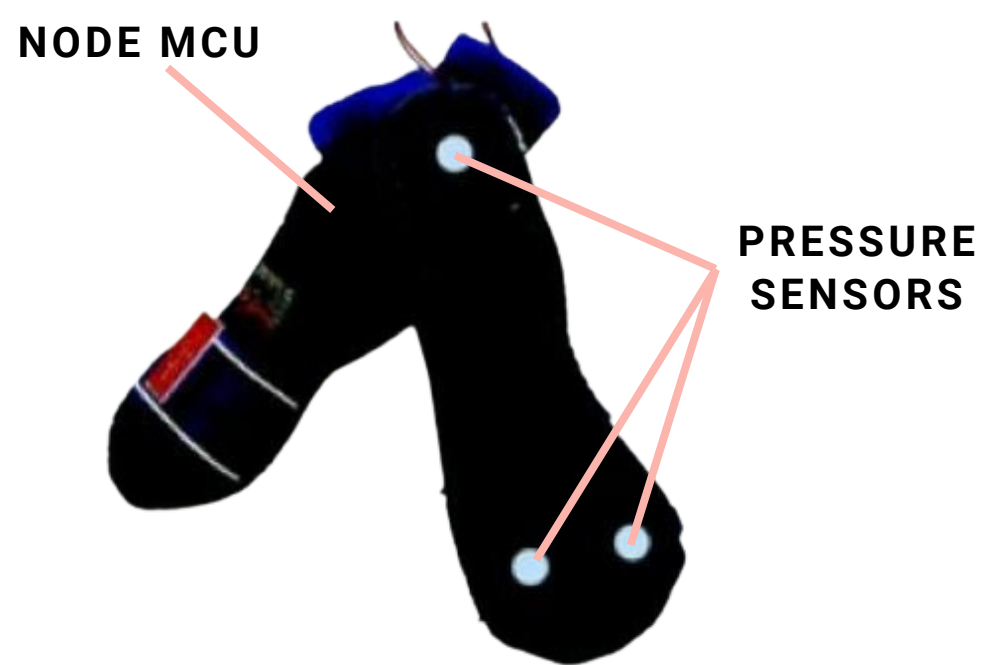


DIA-OCKS

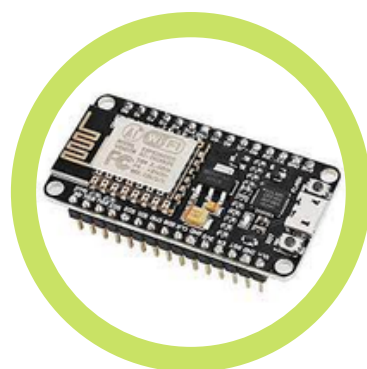
DIAGNOSIS SOCKS

TECHNOLOGY



Pressure Sensor

Pressure sensor are used to detect the pressure generated on specific point while walking.



Node MCU

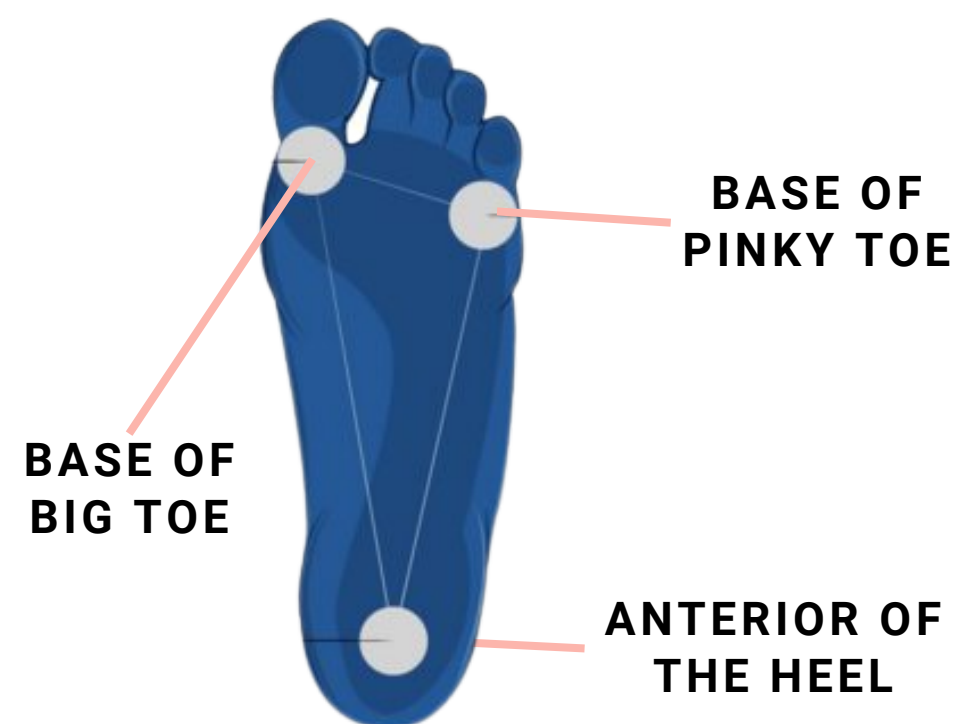
Micro controller to control the sensors and their values for further analysis.

TECHNICAL OVERVIEW:

- This is an IoT based wearable device in form of a sock. Developed by mounting pressure sensors on to the sole and connected with micro controller to provide live feed of the value.
- Device is easy to wear and made at an affordable price.
- Amalgamating the concept of healthcare with technology to provide better and efficient result.



HEALTHCARE



HEALTHCARE PERSPECTIVE:

- To detect the amount of pressure exerted on foot while walking and standing.
- To provide biofeedback about improvement in patients condition after treatment.
- Therapists based outcome.
- Observe during assessment of arch of foot.

SCOPE OF IMPROVEMENT:

- More pressure sensors can be mounted to obtain values for maximum surface area of foot.
- A mobile application can be made to view outcomes to make it feasible for patient

FOOT PRESSURE DISTRIBUTION:

