

# ***Asthma Monitoring Device***

ASTHMA MONITORING DEVICE

Digital project manager

# Device Model Structure



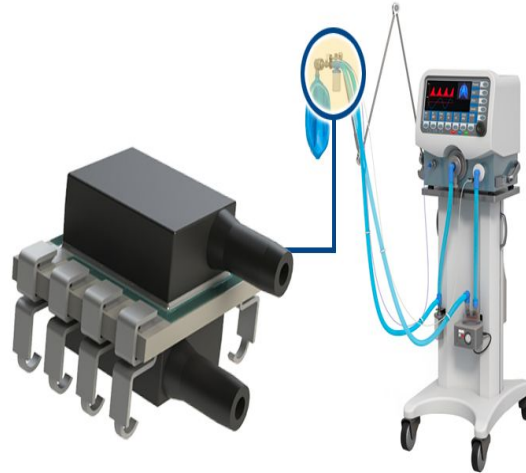
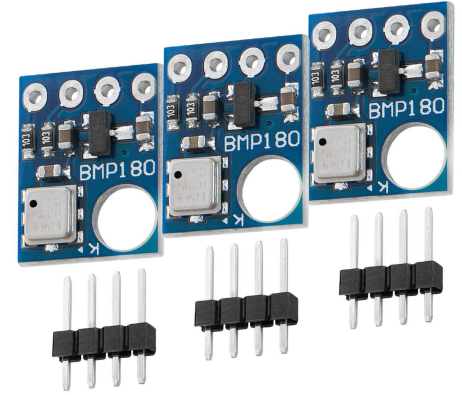
# Devise Monitoring Factor

- Tracking Cough
- Respiratory Pattern
- Presence of Wheeze
- Heart Rate
- Activity Level

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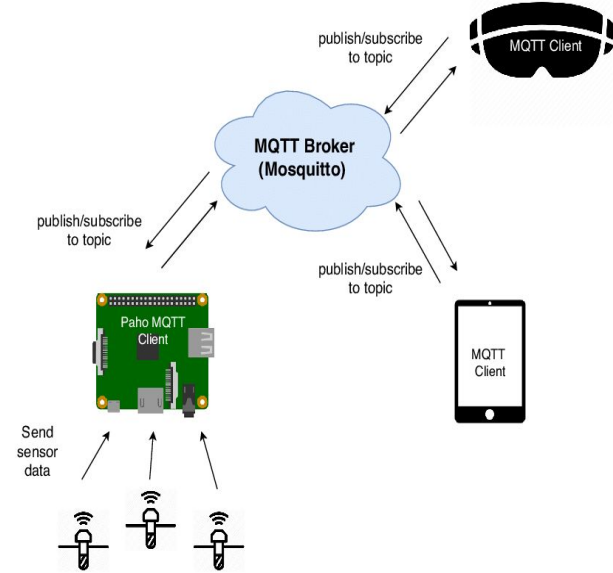
# Sensors used

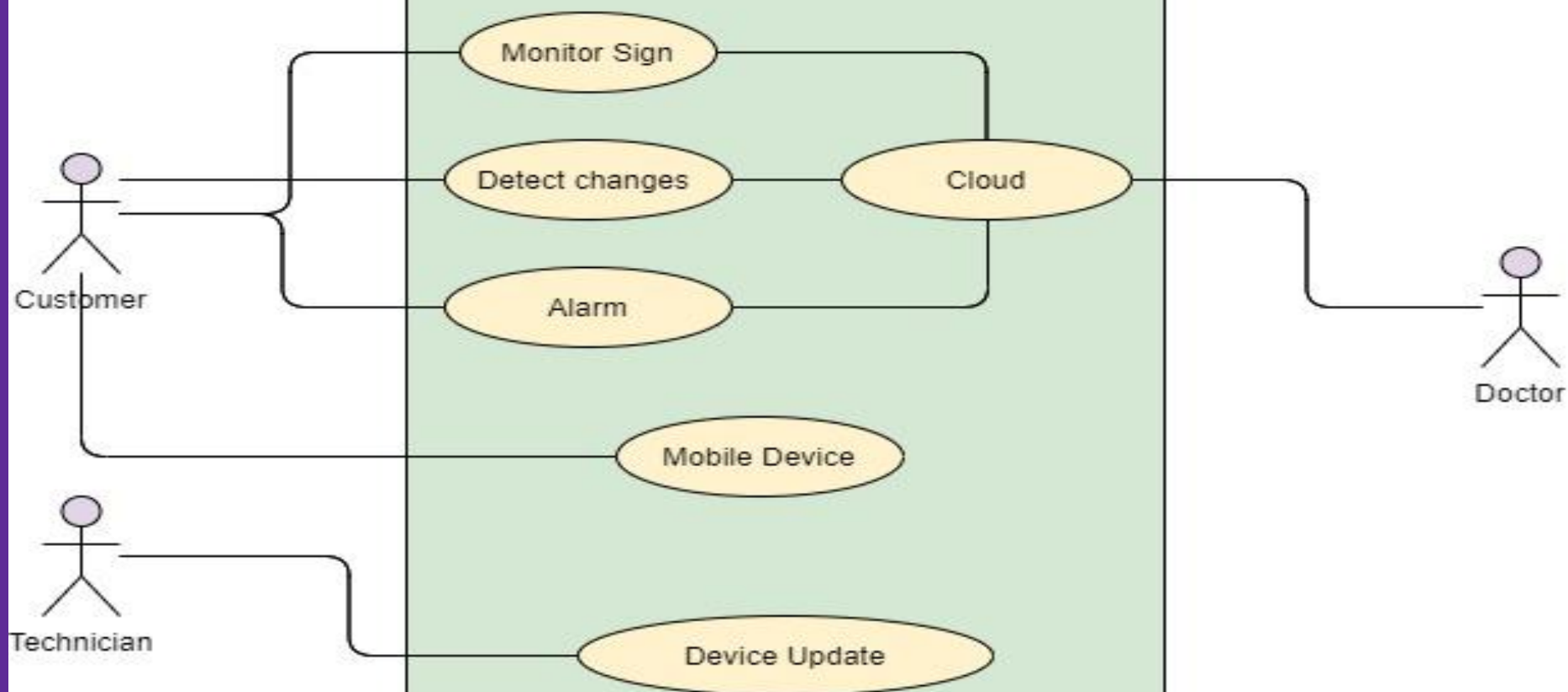
- activity and motion sensors
- location sensor
- ambient temperature and humidity sensor
- air pressure sensor
- embedded MEMS microphone

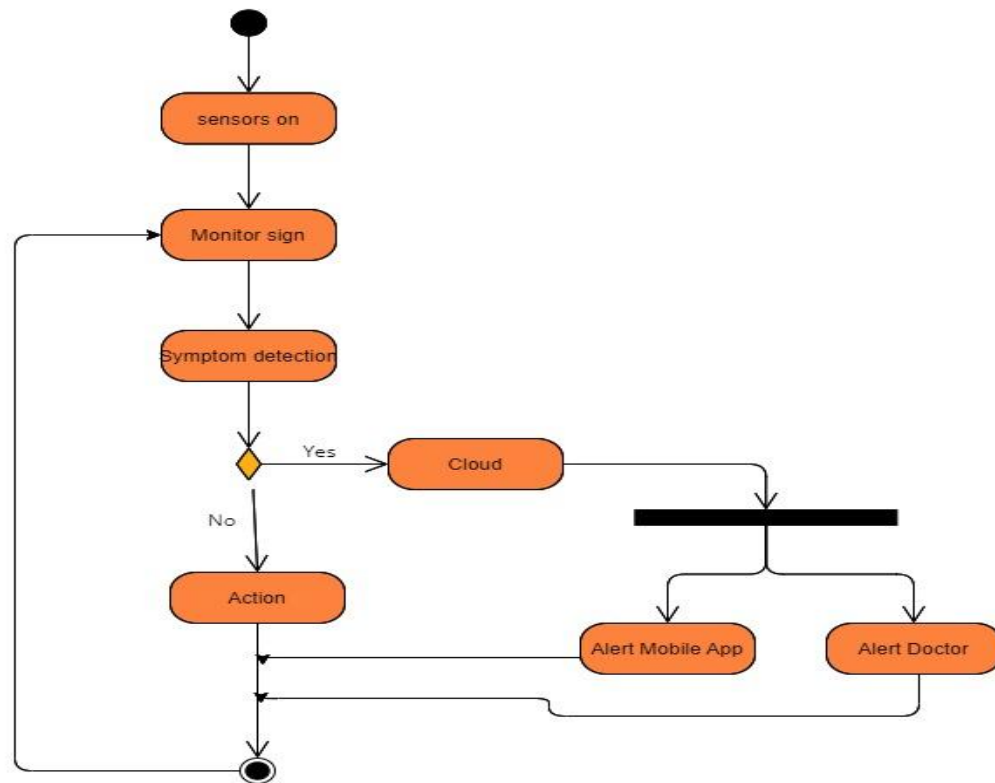


## Cloud

MQTT Broker







# Thank you

**Kajeepan Umaibalan**

