

# Smart Walking Cane

- Members:  
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- Project description:  
- A smart walking cane that records heart rate and detects identity and movements of the user.
- Wireless Protocol: Wi-Fi
- Architecture: 2 (Sensor-Cloud)
- Cloud service provider: Microsoft Azure
- Required Components:

Detection	Component (Quantity)
Heart Rate	SparkFun Particle Sensor Breakout (1)
Movement	SparkFun 9DoF Sensor Stick (1)
User's Identity	Fingerprint Scanner (1)