AI and Data for Caregiver (內容只提供英文版)

User Pain Points

Hong Kong's aging population lacks affordable, quality elder care options, leaving overburdened family caregivers, often working adults, struggling to provide proper support due to limited knowledge and resources. This leads to immense stress and guilt as they fear overlooking early signs of decline. Moreover, a cultural reluctance to seek external assistance leaves families unaware of available community resources. As a startup, we recognize the urgent demand for innovative solutions that empower caregivers and families to confidently care for their elderly, alleviate the caregiving burden, and facilitate timely access to appropriate support.

Solution Benefits

This solution leverages advancing sensing technology and artificial intelligence to provide real-time visibility into elderly wellbeing, while rigorously protecting privacy. This empowers family caregivers with the timely information and communication tools they need to provide better support, reducing their stress and guilt. Aggregating this data also allows us to identify emerging community trends, enabling proactive resource planning and service delivery by social services. By holistically addressing the needs of both the elderly and

their families, our solution can significantly lighten the burden on overburdened caregivers and ensure our aging population receives the care and support they deserve.

Technologies Applied

Our proprietary 16-in-1 sensor collects rich environmental data, which our advanced AI models analyze to detect subtle changes in the elderly's daily activities, vitality, health, and quality of life. Going forward, we will integrate other wearable devices to aggregate an even broader big data ecosystem covering both environmental and biometric factors. This will enable us to identify potential issues at the earliest stages, empowering proactive interventions by families and care providers. By harnessing the power of IoT, AI, and data analytics, we're reinventing how elderly care is delivered - with greater personalization, preemption, and protection of privacy.

Target Users

User Profile / Persona:

100+萬全港夾心照顧者。持續的照護工作及身心需求的壓力，若缺乏適當支援，很容易導致照顧者倦怠和疲憊。其中，護老者以老護更老，部份殘疾人士令照顧者壓力爆煲。

User Scenario and Goals:

我們提出的一站式解決方案涉及物聯網、人工智能和移動平台，旨在為照顧者提供安心、照護長者的專業資訊、社區資源指引以及專業照護支援服務，從而提升照顧者的能力、鼓勵家庭及非正式支援及整合服務提升可及性。