

<<Requirement>>
Location

Id = "A1.1"
Text = "The system is expected to continuously monitor location information of the elderly in real-time"

<<Requirement>>
Abnormal Activity

Id = "A1"
Text = "The system will be expected to detect sudden acceleration/ fall automatically or no movement for 8 hours, resident location,alert carer"

<<Requirement>>
Battery

Id = "A1.6"
Text = "The system should allow medical professionals to monitor battery levels and recharge them"

<<Requirement>>
Movement

Id = "A1.2"
Text = " The future fall detection system will perform real-time and transparent evaluation of resident's movement situation"

<<Requirement>>
Communication

Id = "A1. 3"
Text = "Beside the automatic alarm, the system allow the elderly person have choice of communicating directly with medical personnel and relatives."

<<Requirement>>
Information management

Id = "A1.4"
Text = "The system shall comply with UK Data Protection Act to maintain data privacy through secure information storage level"

<<Requirement>>
Security, Mobility & Performance

Id = "A1.5"
Text = "The system is expected to eliminate false alarms, be non-wearable to avoid non-usage issues and free elderly persons to walkout anytime"

Pendant Use

Use of pendant decision that determine type of abnormal movement or its false and direct communicatio

For the fall detection device to make decisions on information storage a intelligent software will be installed

Embracing UK's Data Protection Act (1998), now EU General Data Protection Regulations (GDPR)