A Pedometer and IPv6: A Health Administration System for the Elderly

< Background >

- The increase of the elderly living alone.

(Reasons: advances of population aging and the "nuclear" family, independence of children, the selection of an independent lifestyle by the elderly, disasters, etc.)

- The increase in "unnoticed" deaths

< Problems with Existing Systems>

- Only activities within one portion of the home can be observed

- Observation of the sick is the primary goal of most

- Privacy issues

- Restriction of Freedom issues

Is it not possible to more naturally observe the health status of the elderly living alone?

IPv6 ready pedometer

Wake up and
switch on

Wake up time
record

Record of sleep time
and steps walked that
day

Real time

Internet

Indoors/outdoors record of number of
steps taken
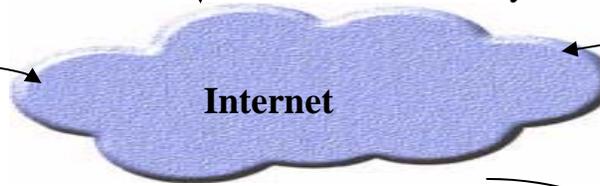
Country-wide
weather data

Emergency response system support

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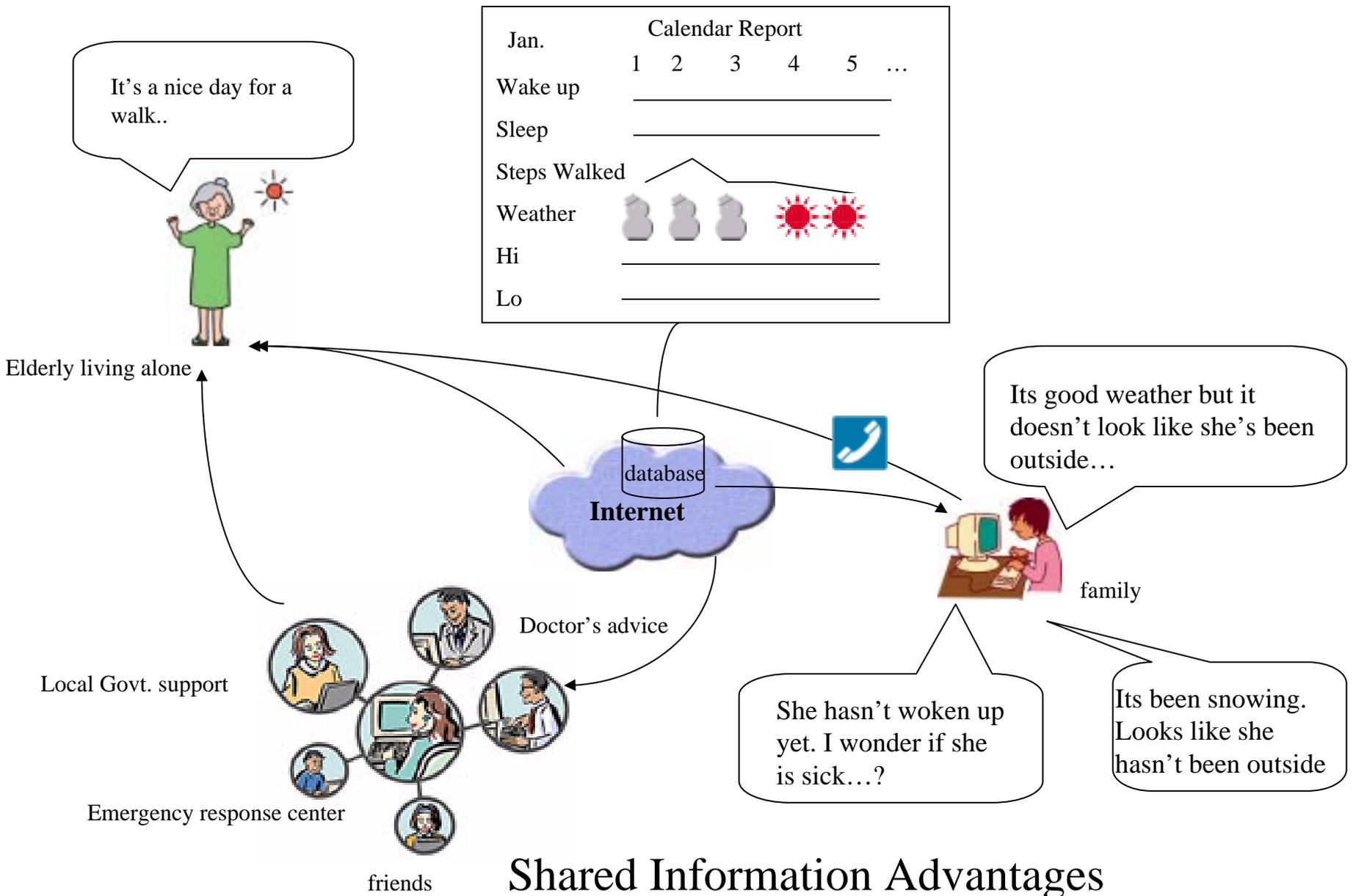
Shared Information Advantages

- Increased awareness and support -

<Merits of the new system>

- in emergencies such as illness and injury, family, doctor, and local govt. support is readily available, allowing both the elderly and their family peace of mind and comfort in living

- natural awareness of the lifestyle habits necessary for good health

- daily steps walked recorded in database, reports produced allowing simple understanding of trends and setting of goals

- increased communication with family and support systems

- emergency support decreases "unnoticed" deaths of the elderly