

FUTUREquipped

Health and Care Sector

SMART Homes: Safeguarding Individuals whilst Maintaining Dignity and Privacy

UNIT

5

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Learning outcome

Consider the dilemmas between the protection of service users and the use of technology to support living independently. Linking this to legislation and good practice.



Introduction

When SMART Home technology is used appropriately, it has the potential to improve quality of life and maintain safety among older adults and various other groups within society who require support to remain in their own homes. The ability to respond to potential ethical concerns will be critical to the future development and application of SMART Home technologies that aim to enhance safety and independence whilst promoting dignity and privacy.

Please, read this article on <https://www.verdict.co.uk/are-smart-homes-safe/>

The Adult Support and Protection (Scotland) Act 2007 defines Adults at Risk, through a 3-Point Test as adults aged 16 years or over, who:

1. Are unable to safeguard their own well-being, property, rights or other interests;
2. Are at risk of harm; and;
3. Because they are affected by disability, mental disorder, illness or physical or mental infirmity, are more vulnerable to being harmed than adults who are not so affected.



Key drivers for SMART Homes and now and in the future

Following on from the key drivers in the introductory booklet Section 2 p.3, the following are specific to the topic of this micro learning unit.

Challenges

A lack of understanding about the needs of disabled or infirm users is part of the problem, as is a lack of internal expertise on how to meet such needs.

Follow the link and scroll to near the end to read Alice's story:

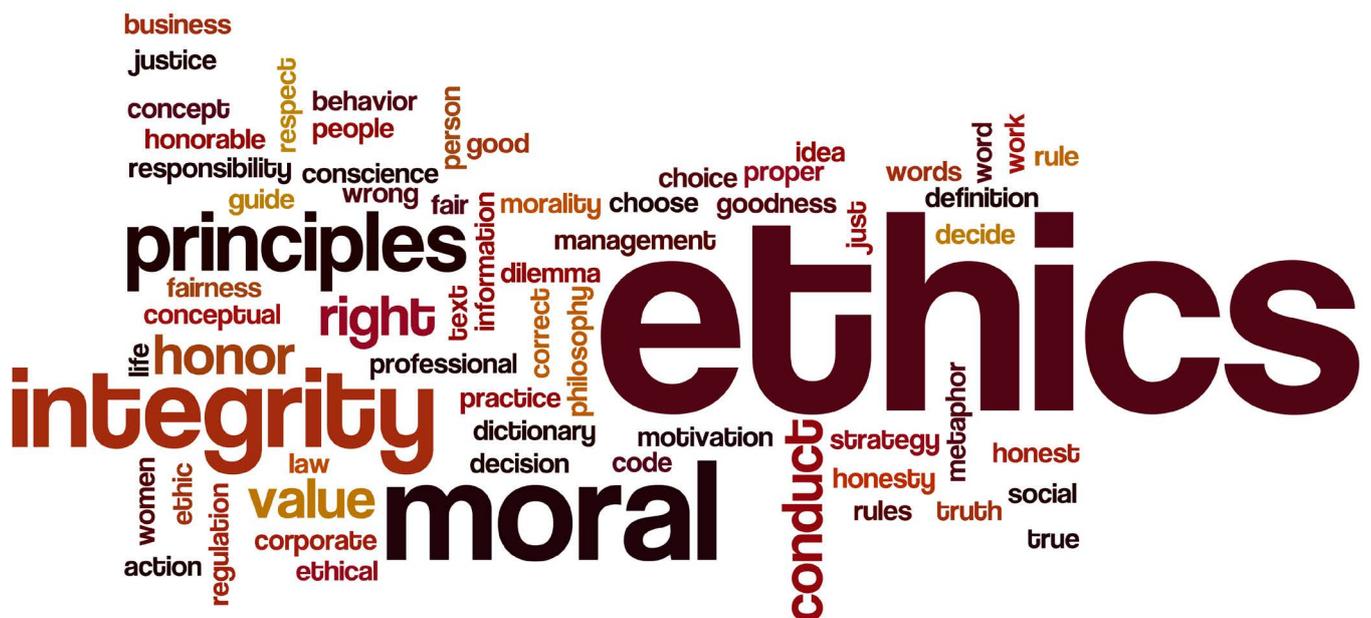
<https://www.raconteur.net/technology/smart-homes-empowering-the-sick-and-vulnerable>

Who are the key players and what is their role / interest / level of influence?

Following on from the key players in the introductory booklet Section 3 p.4 the following are specific to the topic of this micro learning unit:

- Care Inspectorate: Care Inspectorate inspects care services and checks to make sure the right standards are being met and can take action if this isn't happening.

<http://www.careinspectorate.com/>



Scottish Innovation Centres most closely linked to the theme

Following on from the innovation centres in the introductory booklet Section 4 p.5 the following are is specific to the topic of this micro learning unit:

The Data Lab - Follow this link to watch the video clip: <https://youtu.be/8JMaKTqKs8k>

At the time of creation of these materials, Carbon Dynamic's Fit House -project was still active. It still provides an excellent example of what can be achieved with smart technologies in a SMART Home's context.



Desired outcome in relation to key challenges and opportunities for the development / adoption.

Desired outcome: Protecting vulnerable individuals from harm whilst promoting dignity and privacy whilst using SMART Technology.



The following tasks will enable you to investigate: SMART Homes: Safeguarding individuals whilst maintaining dignity and privacy.

On completion of all three tasks you will be able to test your knowledge by completing Assessment 1 and Assessment 2.

Task 1

Follow the link below to learn more about legislation protecting people in care:

<https://careinfoscotland.scot/topics/your-rights/legislation-protecting-people-in-care/adult-support-and-protection-scotland-act-2007/>

Task 2

Video Clip 1.1 Irene Oldfather, (Programme Director Dementia Carer Voices) discusses Human Rights: https://youtu.be/EOMU_3eO6iU

Task 3

There are some underlying principles which are of fundamental importance in applying a human rights based approach in practice.

Follow the link below to read more:

https://www.alzscot.org/campaigning/rights_based_approach

Assessment 1

Multiple Choice Assessment (10 questions)

Download the KAHOOT App onto your phone, using your laptop/computer click the link <https://play.kahoot.it/#/?quizId=5a891571-4839-4280-aa22-16ab3c4a8bc0>

1. **Open the APP on your phone Click Classic Play**
2. **Enter Pin**
3. **Choose a nickname**
4. **Click OK, go**
5. **Click START button on laptop screen**
6. **Test your knowledge on what you have learned from the tasks above by clicking the corresponding colour/symbol on your phone that identifies the answer you wish to choose.**
7. **After each question click NEXT to move onto the next question**
8. **Have fun!**

Now move on to Assessment 2

Assessment 2 - Case Study 2

The use of GPS technology can bring ageing loved ones safely home and provide greater peace of mind for caregivers and family members.

Follow the link to learn more: <https://youtu.be/TJxQXcT9IZI>

Mr P is 83 years old, in the early stages of dementia. He has lived alone since his wife died 5 years ago. His family don't live locally so home care was arranged for him. He is reluctant to open the door to carers. Mr P has always been very independent and enjoys going out to the pub and bowling green.

Over the course of the next few months carers report that they are frequently not allowed in the house and a neighbour informed them Mr P is found out of his home not able to account for where he is. A kind neighbour gives you an account of how many times they have seen him outside.

The social worker has been informed and a review meeting planned with Mr P's son. The decision was made that this meeting would take place without Mr P attending. The comments from his neighbour were taken into consideration and it was agreed that Mr P is able to stay at home with smart technology adaptations to ensure he is kept safe.

The following is agreed:

- Keypad access outside to allow staff to open the door if Mr P refuses entry.
- Sensors on the front and back door to detect when he opens the door.
- Staff use hand held devices to record his care including the condition of the home and any concerns in his wellbeing.

Mr P's son states he is going to buy some small tracking devices on the internet and put these into his dad's favorite jacket and shoes so he knows where he is at all times.

Write a 500 word report considering the following in relation to the decisions made regarding safeguarding and maintaining the dignity and privacy of Mr P:

- Why have these decisions been made?
 - Do you feel these decisions have been made in Mr P's best interests?
 - Is the information given by the neighbour relevant?
 - The Adult Support and Protection (Scotland) 2007 Act),
 - SSSC Codes of Practice
 - The Human Rights Act 1998.
 - Health and Social Care Standards
-

Digital Assets

1. The Data Lab : <https://youtu.be/8JMaKTqKs8k>
2. 1 Irene Oldfather, (Programme Director Dementia Carer Voices) discusses Human Rights : https://youtu.be/EOMU_3eO6iU
3. GPS Tracking: <https://youtu.be/TJxQXcT9IZI>

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Caring Village (2018). *Top 10 GPS Trackers for Elderly Parents*.

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<http://www.careinspectorate.com/>

Legislation protecting people in care - Care Information

Scotland. (n.d). Retrieved April 10, 2019 from

<https://careinfoscotland.scot/topics/your-rights/legislation-protecting-people-in-care/adult-support-and-protection-scotland-act-2007/>

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https://www.alzscot.org/campaigning/rights_based_approach

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