Progressive approach to use cases and standardisation

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Important fields in active and healthy ageing

- Independent living
- Participation in society
- Employment
The “WHO” flower

http://www.who.int/ageing/age_friendly_cities_guide/en/

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## Matrix to select use cases

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<th>B: Participation in Society</th>
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<td>1C Accessibility and usability of dwellings (including home automation)</td>
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<td>4B eGovernment and participatory democracy</td>
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<td>8B Accessibility and affordability of public transport</td>
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## Most easily findable use cases (in orange)

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Training the trainers (nurse educators) (template)

- **Nurse educators are experienced professionals**, who are often in an older age group (their mean age in the given example is *57 years*). To teach their nursing students effectively about up-to-date digital healthcare, **the teachers benefit from improving their own informatics competencies** e.g., in Nursing Informatics Management Technologies or in Telehealth. A Virtual Learning Environment (such as **TIGER Virtual Learning Environment** [TIGER VLE] run by HIMSS North America) offers nurse educators small chunks of informatics competency concepts and content, ultimately, to benefit the students that they teach. Thus, **the mature nurse educators maintain their teaching competencies vis-à-vis the changing demands of their work places**.

- **ICT for AHA relevance**: Maintaining professional competencies vis-à-vis the changing demands of the digitalisation of work places seems to be highly relevant for older adults.

- **Relevance for interoperability**: See the arguments (below) on standards.

- **Relevance for standardisation**: Remote teaching facilities should conform to accessibility guidelines, since the production of digital content relies on a number of imaging and Internet standards.

- **Supporting literature**: This work is part of a study run by Dr. Melinda Luther, DNP, RN, CNE, Jonas Nurse Leader Scholar, Associate Professor, Rivier University – presented via a HIMSS TIGER Webinar on 1 August 2017. See [https://www.ehtel.eu/activities/eu-funded-projects.eu-us-ehealth-work](https://www.ehtel.eu/activities/eu-funded-projects.eu-us-ehealth-work).
Use case (1)

• Telemonitoring of health parameters is a useful tool for supporting patients with long-term conditions.
• Telemedicine provided as telemonitoring can be an effective add-on tool for patients and medical experts.
• It can help patients with heart failure or diabetes.
Use case (2)

- A clinically approved app.
- Text messaging.
- People reporting signs that relate to their health and well-being.
- Developed within the national health service (NHS) in various parts of the United Kingdom, and supports self-care.
- Benefits are now in evidence in terms of individual well-being and cost savings to the NHS.
- [https://www.getflorence.co.uk/](https://www.getflorence.co.uk/)
Use case (3)

• 3rings.com is a smart plug, that can be connected to kettles but also other devices like televisions.
• Relatives/friends/carers can know that an older adult is safe in their own home.
• https://www.3rings.co.uk
• https://www.theguardian.com/technology/askjack/2014/jul/03/what-tech-can-i-use-to-keep-an-eye-on-an-aging-parent

The family has been alerted twice, once when Lily fell and broke her pelvis.
More use cases – “live” today

People working in the field will present two actual use cases on:

- Integrated care – Tunstall Healthcare, Spain
- Social care – SHD, Luxembourg