

A robotic hand, white and black in color, is shown holding a silver stethoscope. The hand is positioned in the center-left of the frame, with the stethoscope's chest piece held up. The background is a solid, light blue color. The text is overlaid on this background.

Towards Innovative Health Care
Education: Teaching SMART
Technology Concepts

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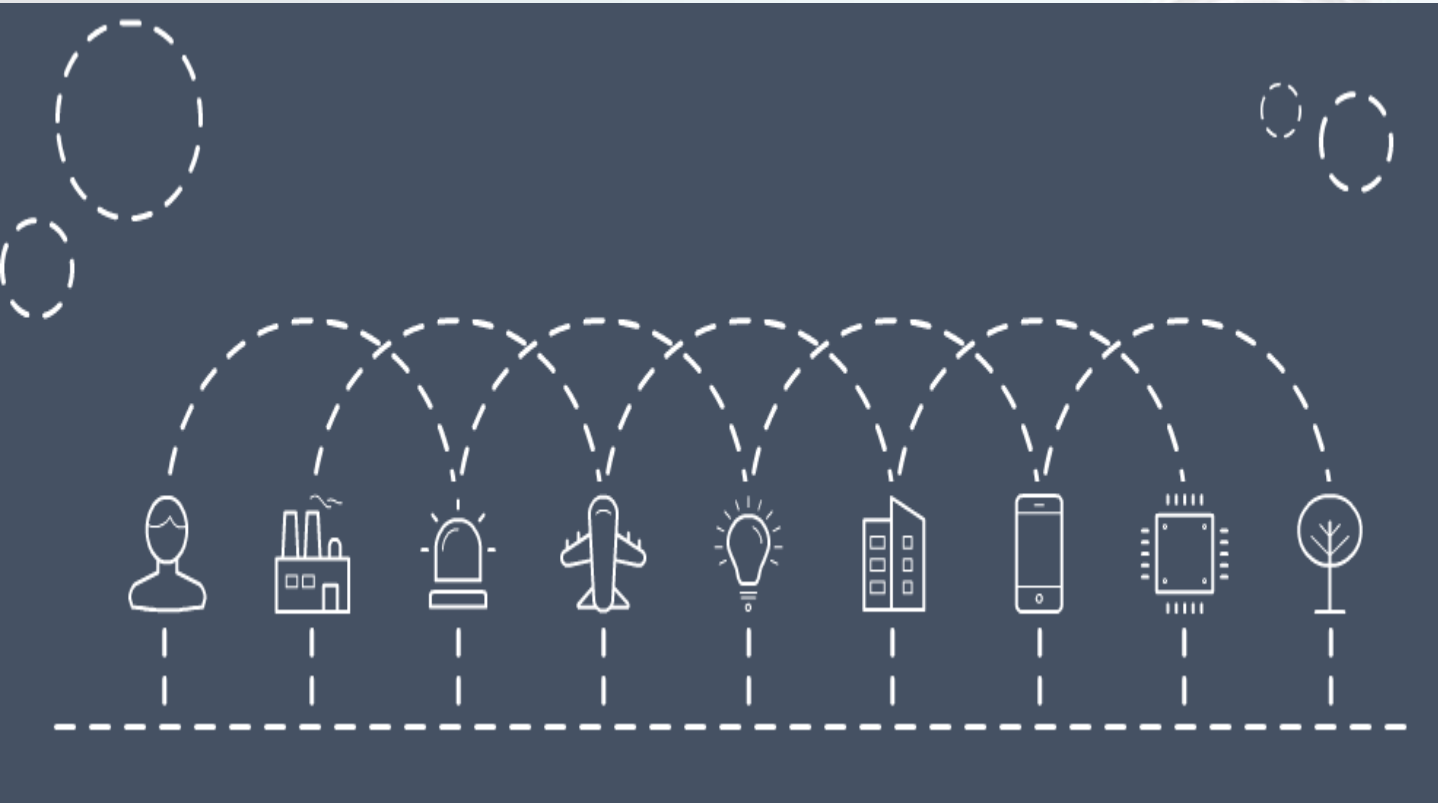
- Smart Technology to promote healthy aging
- Fall is the second leading cause of unintentional injury-related deaths globally and the leading cause of injury-related mortality among older adults.
- WHO advocate for innovative and effective care models to reduce fall incidents

- Research questions

What are the overall perceptions of older adults towards the use of technology in preventing falls in everyday life?



Introduction



- Qualitative descriptive approach
- Focus group interviews
- Total 11 older adults recruited
- Thematic analysis was adopted to guide the data analysis

Methods

Teaching Plan

Findings

**Basic concerns
about smart
technology**

Fit devices

**Implementation
and Promotion**

- 1. Performance Expectancy**
- 2. Effort Expectancy**
- 3. Social Influence**
- 4. Facilitating Conditions**
- 5. Technology Anxiety**
- 6. Perceived Trust**
- 7. Perceived Cost**
- 8. Expert Advice**
- 9. Behavioral Intention**

Pal, Funilkul, Charoenkitkarn & Kanthamanon (2018)

Devices....

1



3



2



Conclusion



Valuable information on designing courses to enhance student learning in promoting healthy aging using smart technology

Thank You



References

- Pal, D., Funilkul, S., Charoenkitkarn, N., & Kanthamanon, P. (2018). Internet-of-things and smart homes for elderly healthcare: An end user perspective. *IEEE Access*, 6, 10483-10496.

