

# DESIGNING WORKPLACE HYBRID COURSE

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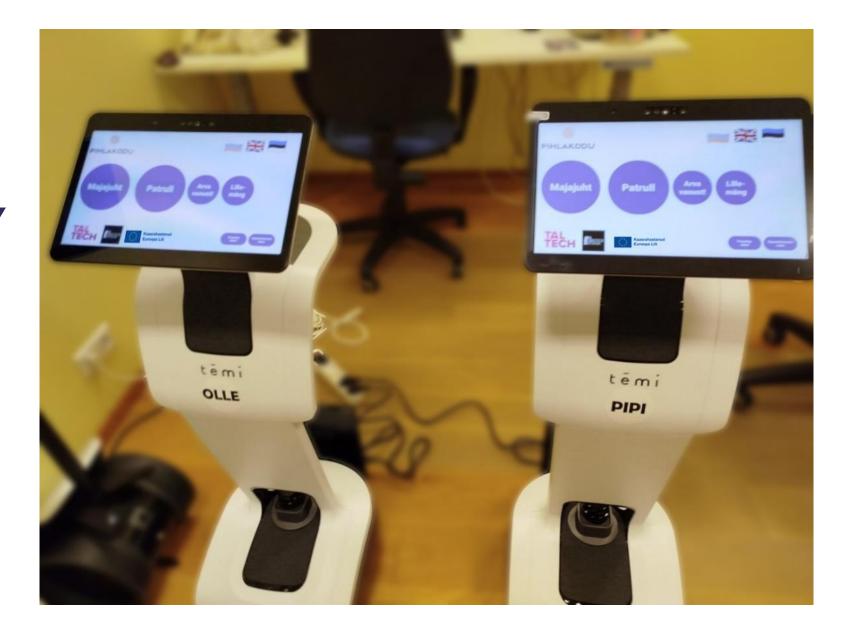
"Robot Tegevusjuhendaja rakenduse testimine ja valideerimine eakate heaolu parandamiseks hooldekodudes".

#### **BACKGROUND**

- Workplace training can be challenging:
  - different shifts
  - various locations.
- Often, training sessions place employees in a passive listener role, where they are presented with all the necessary information on a topic.
- **Goal**: design a workplace training program that would effectively upskill employees by offering hybrid training that integrates work-life experiences, preparing them for future co-working with robot assistants.

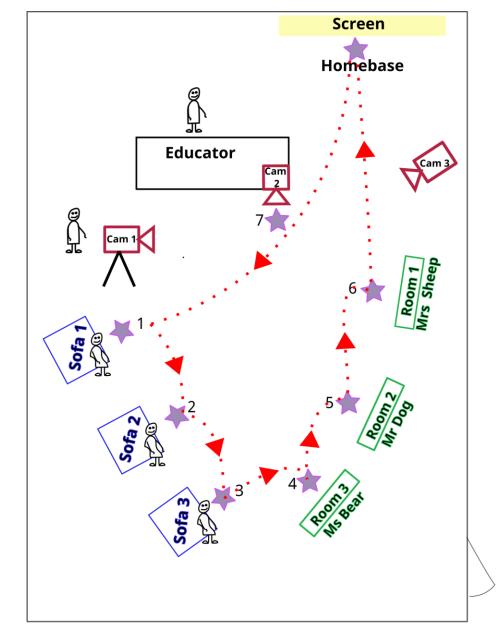


## NEW NURSERY HOME "EMPLOYEES"





# CLASSROOM DESIGNED- AN IMITATION OF THE NURSERY HOME FACILITATION





Predefine spot where a TPR stop



A TPR moving bath



Camera



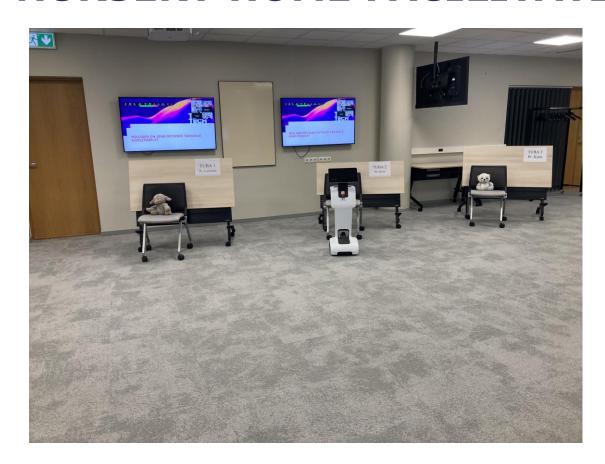
Imitation of a relaxation area



Imitation of a resident's room



# LEARNING ENVIRONMENT - AN IMITATION OF THE NURSERY HOME FACILITATION







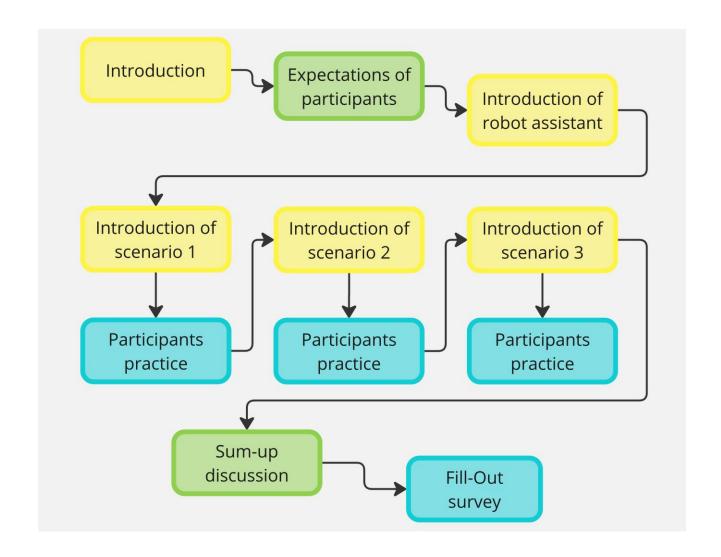
#### **TECHNICAL SETUP**

- Owl 360-degree camera
- Logitech c920 web camera
- Camera with an operator
- CatchBox throw-able microphone
- CatchBox clip-microphone
- TEMI robot





#### TRAINING DESIGN





### **GUIDELINES OF HOW TO "HANDLE" OLLE & PIPI**





#### **SURVEY**

#### **Intended Adoption of the Robot Activity Coordinator OLLE/PIPI**

- I am certain I will co-work with the robot activity coordinator OLLE/PIPI after the training has ended in my own daily working.
- I am certain I will promote the co-working with robot activity coordinator OLLE/PIPI in my workplace more widely.
- The robot activity coordinator OLLE/PIPI will influence my daily working for a long time.
- The robot activity coordinator OLLE/PIPI is a very effective means for accomplishing some routine tasks of human activity coordinator.
- I am co-working with the TEMI robot activity coordinator frequently on daily basis.

#### **Individual Motivation Self-efficacy**

- I feel confident to co-work with the robot activity coordinator OLLE/PIPI in my workplace.
- I can evaluate how well the robot activity coordinator OLLE/PIPI is working in my workplace.

#### **Belongingness**

- I feel I am a part of the community consisting of colleagues and researchers who develop scenarios on how to co-work with the robot activity coordinator OLLE/PIPI.
- I enjoy belonging to the robot activity coordinator OLLE/PIPI co-worker community.



#### **OUTCOMES**

- Participants were positive.
  - "I am looking forward to the implementation."
- Interested in how robot assistants will fit in the Nursery home environment:
  - "I responded with a 3 to the statement that 'I feel the need to defend the robot activity instructor in case of criticism' because I want to see the criticism as a feedback to improve cooperation with the robot. If the criticism is unfounded, I will likely feel the need to defend the robot, especially if I can help raise awareness or dispel misconceptions."
- They understand need to contribute:
  - "The success of the robot activity instructor reflects my success if it depends on my contribution.".





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