## Canvases:

# **ENVIRONMENT**

**SOCIAL ROBOT CO-DESIGN CANVASES** 

What is the robot's context of operation? You can use the "Ecosystem" canvas to dive deeper into this topic.

#### Where

What place?
Does it change?

### User(s)

Who is using the robot?

#### When

What time of day?
Does it change?

### Secondary user(s)

Are there secondary users?

E.g. teachers that help students use a robot.

#### **Data collection**

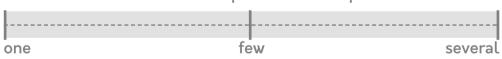
Does the robot collect data from its environment? How is it stored?

#### Simultaneous users

How many users should be able to use the robot simultaneously?

TRADE-OFF:

More simultaenous users requires a more sophisticated robot.



#### TRADE-OFF:

More data collection requires more attention to data security.

#### External sensors and actuators

Does the robot use external sensors?

Does it have external actuators, such as lights or limbs?

#### **Connection to systems**

Is the robot connected to external systems, such as software, databases, or other robots?

How does it use these systems?



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