INTERACTION

SOCIAL ROBOT CO-DESIGN CANVASES



How does the robot interact with the user? You can use the "Experience Flow" canvas to dive deeper into this topic.

Interaction modalities

What modalities are inputs to the robot? What modalities does the robot output? **INPUT OUTPUT** movement screens movement screens lights lights voice touch voice touch sounds smell other sounds smell other facial facial gestures gestures expressions expressions Interaction flow Describe the most important interaction of the robot. Note: only fill the bottom row if your robot is teleoperated. **BEFORE DURING AFTER OPERATOR** optional) Leadership Situation flow Who initiates the interaction? Who determines what happens How defined is the situation where the interaction takes place? Does the user always enter and exit at the same point? next? freestyle predefined flexible robot-led mutual / alternate user-led Robot's name Goal What is the user's goal in the interaction? What describes the Does the robot have a name which is used during interaction? TRADE-OFF: interaction? A robot with a name, creates more emotional bond. both task completion / explorative informative



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