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? **OUTPUT INPUT** movement screens movement screens voice lights lights touch voice touch smell sounds smell other other sounds facial expressions facial gestures gestures 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** ROBOT **OPERATOR** optional) Situation flow Leadership How defined is the situation where the interaction takes place? Who initiates the interaction? Who determines what happens Does the user always enter and exit at the same point? next? robot-led flexible predefined mutual / alternate freestyle user-led Goal Robot's name What is the user's goal in the interaction? What describes the Does the robot have a name which is used during interaction? interaction? TRADE-OFF: A robot with a name, creates more emotional bond.



explorative task completion / both informative



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