ROBOT DESIGN MVP

SOCIAL ROBOT CO-DESIGN CANVASES



It's time to design your robot MVP (Minimum Viable Product)! Remember the guidelines you defined.

Where and when

What place? What time of day? Does the place or time change?

Draw a picture

What does the robot look like? Is it attached to something? Does it move around? Can its appearance be modified?

Robot's role

Is the robot a friend? Teacher? Helper? Something else?

Personality

Does the robot have specific characteristics? Does it have emotional states, or needs?

Context-based behaviour

What external and environmental factors affect behaviour? What data is used to adapt to context?

Connection to systems

Is the robot connected to external systems, such as software, databases, or other robots? How does it use these systems?

Interaction modalities

What modalities are inputs to the robot? What modalities does the robot output?

INPUT	movement	screens	OUTPUT	movement	screens		
voice	touch	lights	voice	touch	lights		
sounds	smell	other	sounds	smell	other		
gestures	facial expressions		gestures	facial expressions			
Interaction flows							

interaction flow

Describe the most important interaction of the robot. Note: only fill the bottom row if your robot is teleoperated.						
USER	BEFORE	DURING	AFTER			
ROBOT						
ROBOT OPERATOR (optional)						



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