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?

movement screens

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?

movement

Interaction modalities

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

OUTPUT

	voice	touch	lights		voice	touch	lights
	sounds	smell	other		sounds	smell	other
	gestures	facial expression	ns		gestures	facial 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
~			 				
SER			 				
5			 				
_			 				
BOT			 				
B							



ROBOT OPERATOR (optional)

INPUT

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