FORM
DESIGNING A SOCIAL ROBOT

What are the robot's outward qualities? If an existing robot is used, are its qualities modified?

Draw a picture

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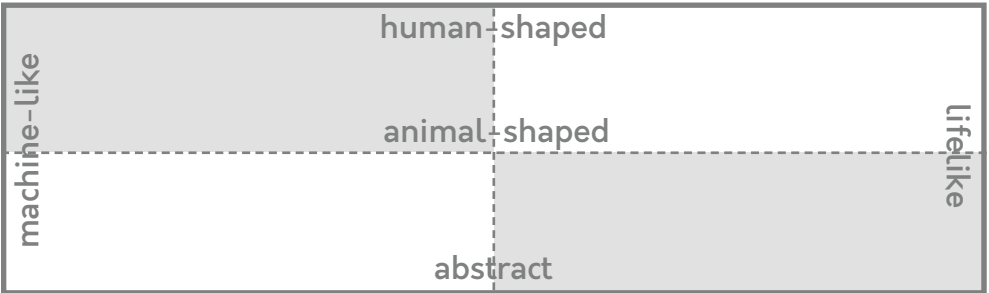Does it move around?
Can its appearance be modified?

Appearance

Is the robot more machine or lifelike? Is it human-shaped,
animal-shaped, or abstract?

⚖ TRADE-OFF:
**Robots that appear more human and lifelike are expected to be
more sophisticated in features.**

human-shaped

machine-like   animal-shaped   lifelike

abstract

Size

How big is the robot?

smaller   human-size   bigger

Character of movement

What is the robot's movement like?

machine-like   hybrid   lifelike

Voice & sounds

Does the voice have a gender or an age? What are pitch,
speed and prosody like? Is the voice always the same?
Does the robot make sounds: music, "beep"s, animal noises?
When are these sounds heard?

Mobility

Does the robot move across space? Does it move in place?

Visual cues

Does the robot have expressions, lights, a screen or other
visual elements?

Touch & smell sensations

Is the robot soft or rough, warm or cold?
How does the robot smell?
Touch and smell are especially important in close
interactions.