ROBOT DESIGN MVP

It's time to design your robot! Remember to keep referring back to your guidelines on the robot's environment, behaviour, form and interaction, as well as ethics and advatnages.

Guidelines

Write your guidelines on post-its, and place them here! Keep referring to them as you make desicions about the robot's design.

Where? When?

Where is the robot operating? What time of day?

How does the situation flow?

How does the user enter the interaction? How do they leave it? What is the user's emotional state in each stage?

Personality

What words describe the robot's personality? What are the robot's internal motivators? Does it have emotional states or needs? Does it have specific characteristics?

Context-based behaviour

What external and environmental factors motivate behavior? What data is collected? What data is used to adapt to context? Is behaviour personalized?

Draw a picture

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

Interaction modalities

What ways do the user and robot interact in?

- [ ] voice
- [ ] sounds
- [ ] gestures
- [ ] olfactory
- [ ] facial expressions
- [ ] other _____

- [ ] movement
- [ ] digital visuals
- [ ] tactile

Name the robot's role

_____

Interaction outline

Create an outline of one of the possible interactions with the robot. It can be for example the interaction you consider most important. What does the robot say? What does the user say? When are other modes of interaction used? When is data fetched?

ROBOT

USER

start of interaction

during interaction

end of interaction