ENVIRONMENT OF THE ROBOT

You can modify the environment from its current state and design it it to fit your solution better. The aim of this canvas is to figure out what you need to pay attention to, and what you can change.

Where?

Where is the robot operating? What is this place's significance to the users? What is special about this place?
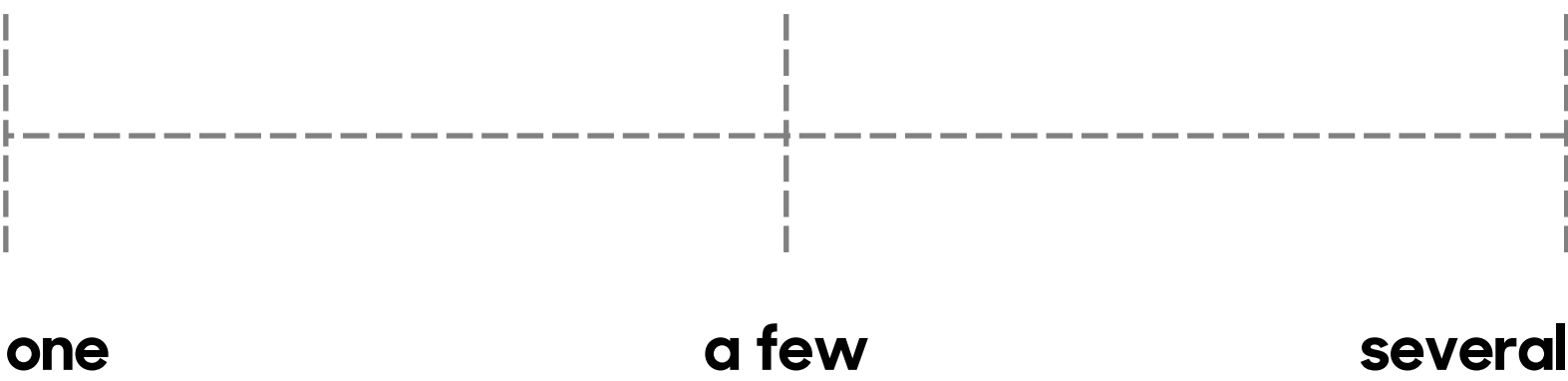
When?

What time of day? Does the environement change according to time?

End-users? Secondary users?

Who is using the robot? Is there only one type of user? Are there secondary users?

Simultaneous users

How many users should the robot be able to interact with at the same time? Several simultaneous users require more development.
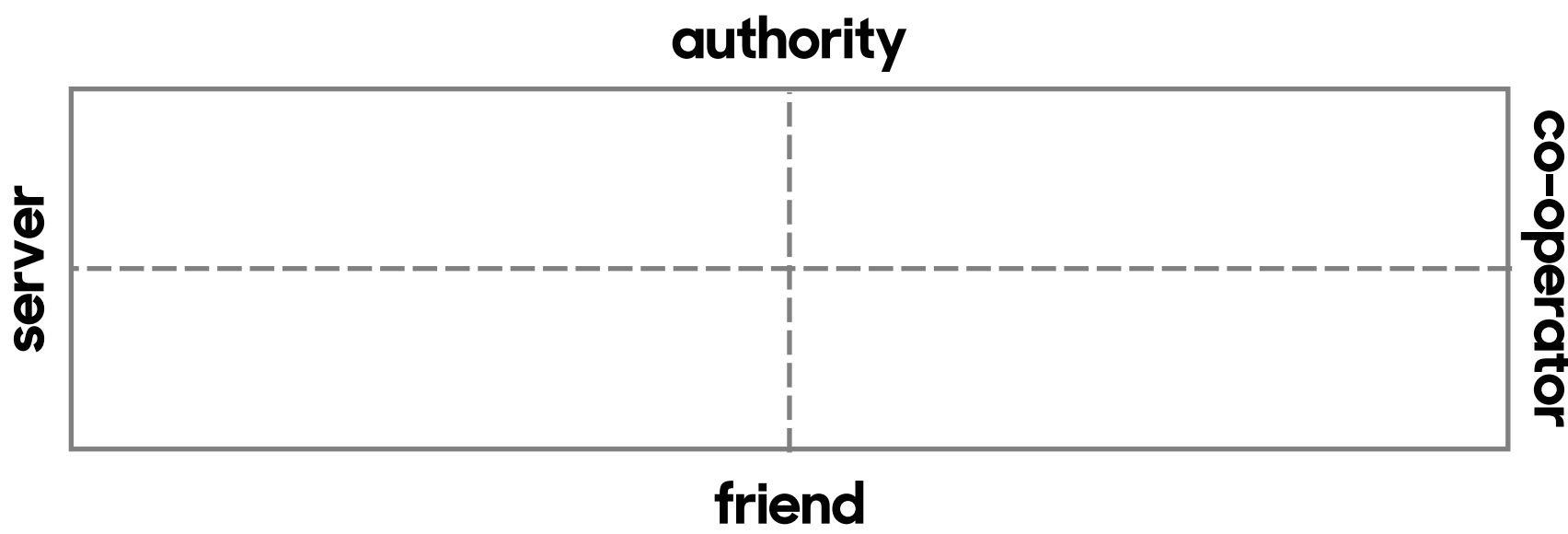
one   **a few**   **several**

Name the role

Write down a good description of the robot's role, for example "buddy" or "coach".

Role of the robot

What is the robot's role as seen to the user? More of an authority or a friend, and more of a server or a co-operator?

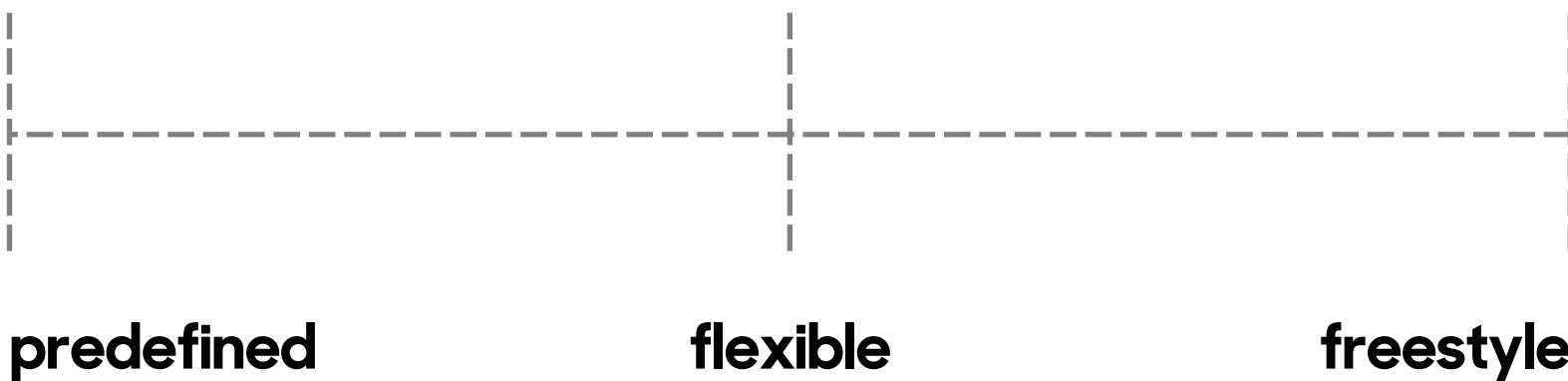**authority**

server | co-operator

friend

What situation(s) does interaction take place in?

What is the human doing prior to and after interacting with the robot? What is the user's emotional state?

Situation flow

How rigidly defined is the situation? Does the user always enter and exit at the same point in space and time, or wanting to perform the same task? Freestyle situations require more development.

predefined   **flexible**   **freestyle**

Human facilitators?

Does the robot need a human helper to provide value to the user? Is a human needed for regular maintenance?

Level of facilitation

Is the human facilitation always needed, or only in specific situations?

none   **optional**   **required**