DESIGN PATH

SOCIAL ROBOT CO-DESIGN CANVASES

How to choose your canvases PHASE 1: PROBLEM SPACE **START HERE** Canvas # 01 **SOLUTION SPACE** Define the solution you're building. Canvas # 02 **ETHICAL CONSIDERATIONS** Think about ethical questions related to your solution. Canvas # 03 PHASE 2: DESIGN GUIDELINES **DESIGN GUIDELINES PATH 1: PATH 2:** Decide what guides the A quick first draft In-depth design of design of the robot. of the robot design. the robot and its Choose to create four dimensions. Choose to create first ideas, or to choose between the final product ideas. design. **PHASE 3: SOLUTION SPACE** Canvas # 04 Canvas # 05 **MVP (MINIMUM VIABLE ENVIRONMENT Optional:** PRODUCT) Use to examine the robot's service **Examine what factors** ecosystem in-depth. Canvas # 09 Create a rough draft of the surround the operation of **→** SERVICE ECOSYSTEM design of your robot. the robot. **Examine the service** Canvas # 06 ecosystem the robot exists **FORM** within. **Examine the outwardly** perceptible qualities of the robot. Canvas # 07 **INTERACTION Optional:** Use to examine the user's experience in-depth. **Examine how the robot** Canvas # 10 interacts with the user(s). **EXPERIENCE FLOW Create an interaction script** Canvas # 08 of the robot and the user. **BEHAVIOUR Examine what drives the** robot's behaviour. **FINISHED**



Social Robot Co-Design Canvases free version by Minja Axelsson is licensed under a Creative Commons Attributions-ShareAlike 4.0 International (CC BY-SA 4.0) license. Sponsored by Futurice. The Social Robot Co-Design Canvases can be found at https://osf.io/jg2t8/Cite as: Minja Axelsson. 2020. Social Robot Co-Design Canvases. https://doi.org/10.17605/OSF.IO/JG2T8