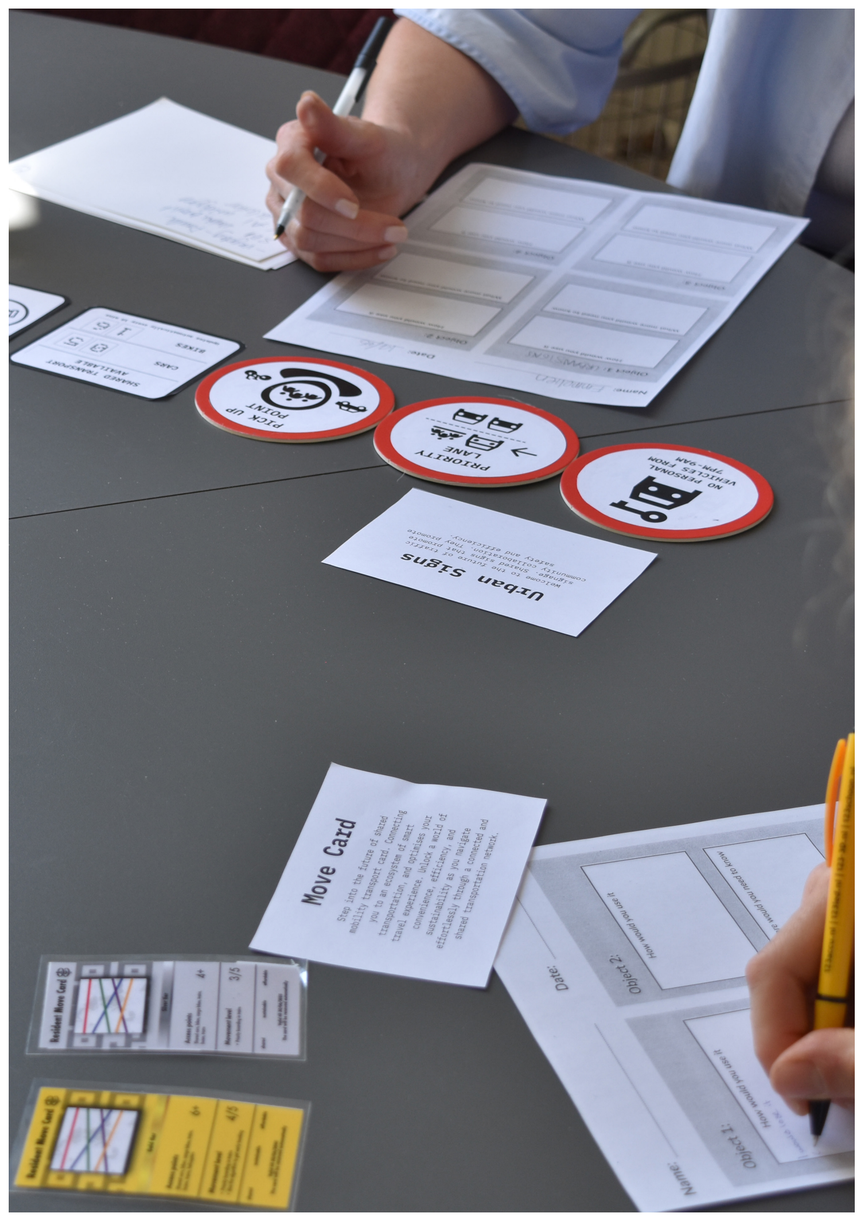
EXPLORING SHARED UNDERSTANDINGS OF FUTURE AI SYSTEMS THROUGH DESIGN

Defining

The focus of this project was building shared understandings of future AI systems through design. The main design approaches chosen were speculative design and the Stack from FreedomLab. While speculative design provided immersion and context, the stack facilitated the breakdown and analysis of system layers.

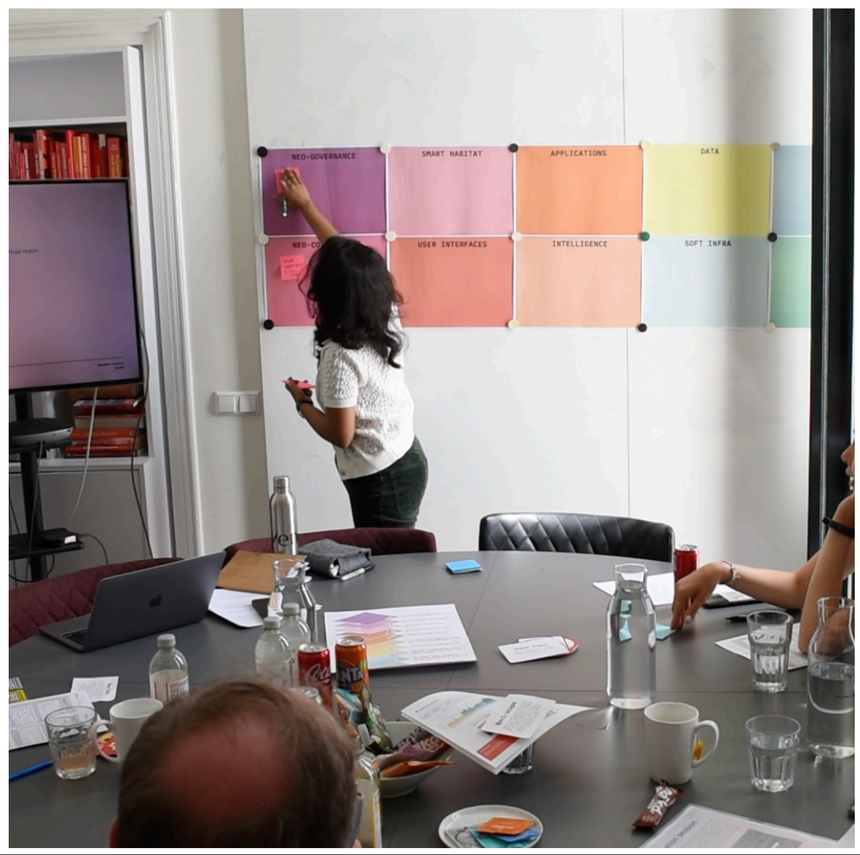
A case study on residential shared mobility was chosen as the focus of the project. The goal was to bring tensions and challenges within the system to the surface and establish a shared understanding among the stakeholders. The project involved seven participants, including direct stakeholders and external individuals.



Executing

The participants were interviewed to understand their current understanding, backgrounds, and future visions of the system. Insights from the interviews revealed different interpretations of shared mobility, varying stakeholder priorities, and the challenges related to behavior change and technology implementation.

Four speculative artifacts were designed to surface tensions in the system. These artifacts represented future objects related to shared mobility. The participants interacted with the objects individually, followed by group discussions to explore the implications and challenges. The Stack from FreedomLab was used to collect ideas and facilitate group discussions.



Reflecting

Overall, the fostering of shared understandings of future AI systems was sought by the project through the consideration of stakeholder backgrounds, the employment of design methodologies, and the addressing of social and technical implications. The project helped shed light on : the case study of residential shared mobility, the role of different stakeholders in this future and insight into shared understandings as an approach to explainability of Aritificial Intelligence models.

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