GRADUATION PROJECT

Object Ethnographers

INTERNET OF THINGS & DATA-CENTRIC DESIGN

ABOUT
Understanding and supporting householder from an intimate object perspective.

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INTELLIGIBILITY

FXPAL

Recent advances in networked technologies (the Internet of Things) and data science methods gave 'eyes' to object surrounding householders. From their own perspective, these objects continuously capture glimpses of people's life. It is an unprecedented resource for householders to gain insights and support. It is also an ethnographic window for designers to discover needs for relevant products and services.

However, these opportunities raise serious ethical concerns as well as data interaction challenges. In this project you will rely on a set objects 'looking around' in the home to design and implement a privacy-by-default reflection of how things perceive householders.

How can we design a human digital twin out of sensor data from surrounding objects in the home?

PROJECT AIM
The aim of this graduation project is to design and prototype a data interaction (human digital twin) as a resource for householders.

In collaboration with FXPAL, you will conduct a study to evaluate the intelligibility and the privacy sensitivity of your solution.

This project touches upon a range of subjects:

- Thing ethnography
- Prototyping, data interaction
- Data privacy

INTERESTED?
This project is best suited for IPD students with interest in data products and user interaction.