GRADUATION PROJECT

Privacy Sensitivity

INTERNET OF THINGS & DATA-CENTRIC DESIGN

ABOUT
Understanding privacy sensisivity in the context of internet-connected wheelchairs.

CONTACT
Jacky Bourgeois
J.Bourgeois@tudelft.nl

PRIVACY

Recent advances in networked technologies (the Internet of Things) and data science methods have opened up unprecedented opportunities for modelling and analysing human behaviours. While the population of wheelchair users is growing worldwide, these novel insights could lead designers towards better informed products and services for wheelchair user well-being.

However, these opportunities raise serious ethical concerns and conflict with laws.

In this project you will investigate the privacy sensitivity of sensor data collected on a wheelchair. You will rely on user-centric methods to build a understanding of this context.

What is the privacy sensitivity of connected-wheelchair data for their end-users?

PROJECT AIM
The aim of this graduation project is to explore the perception of wheelchair users regarding to the balance of opportunities and risks. You will conduct user studies to better understand the privacy sensitivity in the wheelchair context.

This project touches upon a range of subjects:

- Ethics and values
- Data sharing
- Information and Consent

INTERESTED?
This project is best suited DfI or SPD students with strong interest in ethics and data.