

INTUITIVE OPERATION OF DIGITAL SOLUTIONS THANKS TO HUMAN-CENTERED DESIGN

PEDeus AG is a subsidiary of the University Children's Hospital Zurich offering solutions for safe medication. The future is a new mobile app for emergency medicine and a web application which supports specialists in the preparation and administration of medication. For baseline data, konplan performed two usability engineering projects in close cooperation with evux as project partner and the customer. The goal was to develop a user-centered design for both applications. The projects had three phases: Understand, Design, and Implement.

Together for a good user experience

The first phase was to understand the user requirements. This was accomplished through interviews, information analysis, and field studies (e.g., simulation training NICU, Paramedics). With the resulting user requirements and cooperation with partner evux and the customer, the specialists designed the structure of the solutions. evux also provided customer support for the user tests. This was advantageous for responding timely to feedback and resolving operational hurdles before completing the final design.

For the final phase, the concept was forwarded to visual design. The specifications for the user interface were implemented by the development team at konplan and integrated with the actual development of the applications.

Intuitive design

The usability engineering project delivered a design that significantly improved the user experience with the mobile application for emergency medicine and the web application for the preparation and administration of medication. The efficiency and user-friendliness of the application were optimized.

The corresponding implementation of the design also provided a solid foundation for the subsequent application development and the necessary artifacts to further develop the user interface with the technologies and frameworks used.

Result

- Validated UI Design
- Smooth transfer to development


Methodology & Technologies

- Customer Journey Mapping
- Field observation
- Wireframing
- User tests
- ISO 9241-210:2019

Scope of Services

- Visual Design
- Project Management

 3 months per application

 2 employees – konplan
2 employees – partner
2 employees – customer

 Usability Engineering

Customer



Partner

