



BA-/MA-Thesis

Design and Implementation of a Database for an eHealth Application

Topic

The project focuses on the development and implementation of a modular eMental Health application to support therapists in their work with refugees. It comprises two applications: Firstly, a smartphone application for patients within therapy, which can be individually composed by therapists. Secondly, a web-application for therapists that enables the compilation of therapy modules (e.g. mood diary, scheduling of therapy sessions) and offers a possibility to examine the patient data collected via the smartphone application.

The task is to design and implement a database to store and retrieve patient data. Additionally, an interface for both the web and mobile application needs to be implemented.

Tasks

- Analyzing project requirements regarding database schema (ER-model)
- Implementation of the database with a DBMS
- Implementation and testing of an interface to access the database from applications

Recommended Skills

- Lecture on databases or knowledge in database schemas and SQL
- Experience in Java

Contact

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