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Data acquisition and management

CAS Applied Data Science - Module 1
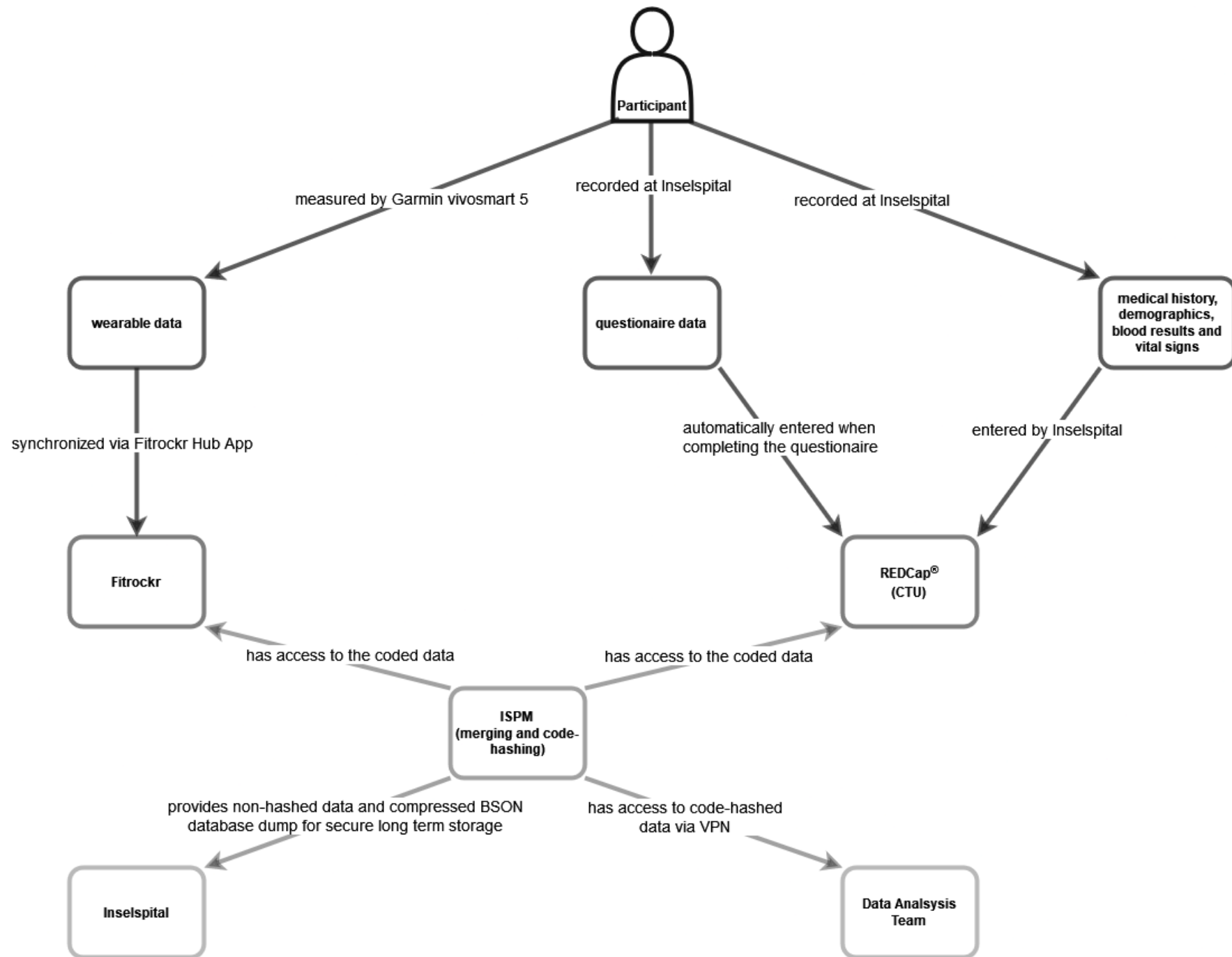
Dr. Anja Mühlemann

Conceptual Design Report (CDR)

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- Outlines the design and planning for a project

- Describes the methods to be used

- Gives detailed insight into the data format

- Addresses the data quality

- Describes the data flow

- Asses possible risk

Data Flow

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Physical Data Model

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- Data set size at each step

- Storage types, backup, security

- Memory considerations

- Lifetime

- Formats

- Analysis tools

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Let us look at an Example