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# Data acquisition and management

## CAS Applied Data Science - Module 1

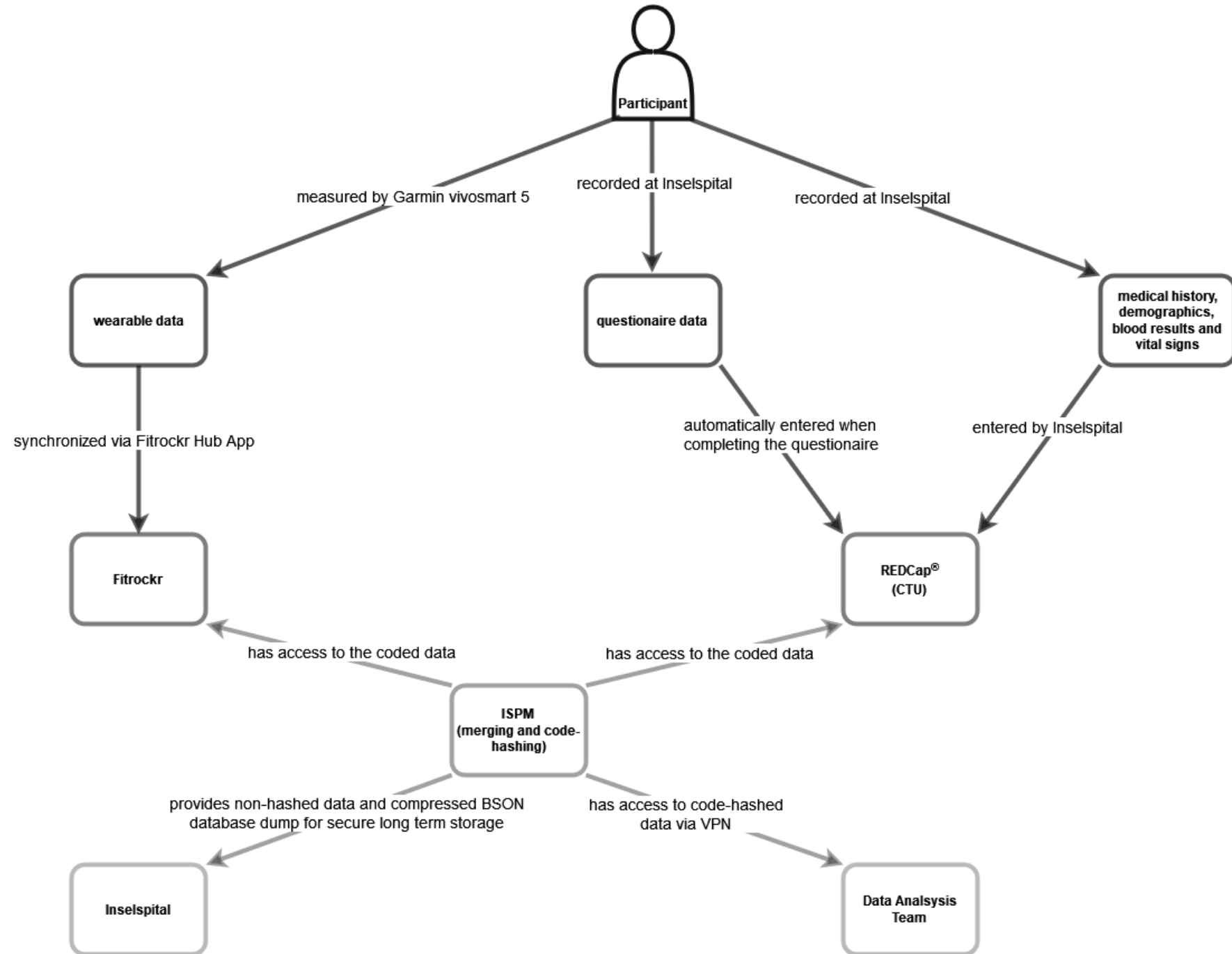
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# Conceptual Design Report (CDR)

- 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

- 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