

Detecting misuse in processes and data requests to Health Information System based on requests logs

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Problem Statement

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1 Motivation

Health Information System in Estonia holds different electronic health records for almost every person in Estonia. Also for some foreigners who have visited a doctor or a emergency medical care facility for various reasons in Estonia. Every healthcare facility in Estonia has to send their patient medical records electronically to central Health Information System, so that patients can view these documents electronically through a website called Patient Portal and other healthcare facilities and doctors can view their patients previous documents and data through their software. This provides visibility between patient and doctor communicatoin and other healthcare facilities benefit from it by seeing previous data and documents when patients goes to other health-care facility.

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