

The logo for Rose-Hulman Institute of Technology, featuring the name in white serif font on a dark red rectangular background.

**ROSE-HULMAN**  
INSTITUTE OF TECHNOLOGY



# IT and Society

Patient Advocate: Innovation within the  
Healthcare Information Network

# What is this project about?

## The Healthcare Situation

- Lack of communication
- Lack of accountability

## Opportunity for a “Patient Advocate”

- An entity to take responsibility for overall patient care

# Our Approach

Divided into sub-parts

Researching existing systems

Conducting interviews

# Issues Identified from Interviews

Inefficiencies in electronic medical records

Issues in communication chain

Specialization can lead to lack of responsibility

*“ It can feel like you are not a person, more like a spare-part that needs to be fixed ”*

# Patients Point of View

Understanding & trust own treatment

Positive experience with online medical records

Informed patients = happy patients

# *Who could be the “patient advocate”?*

Doctor

Nurse

Family member

Third party

Committee

# Patient Advocate

## Existing solutions

- Patient responsible physician
- Contact nurse
- USA case managers

## Responsibilities

## Attributes & qualities



# Additional Considerations

Financing & efficiency improvements

Privacy and laws

Cultural issues

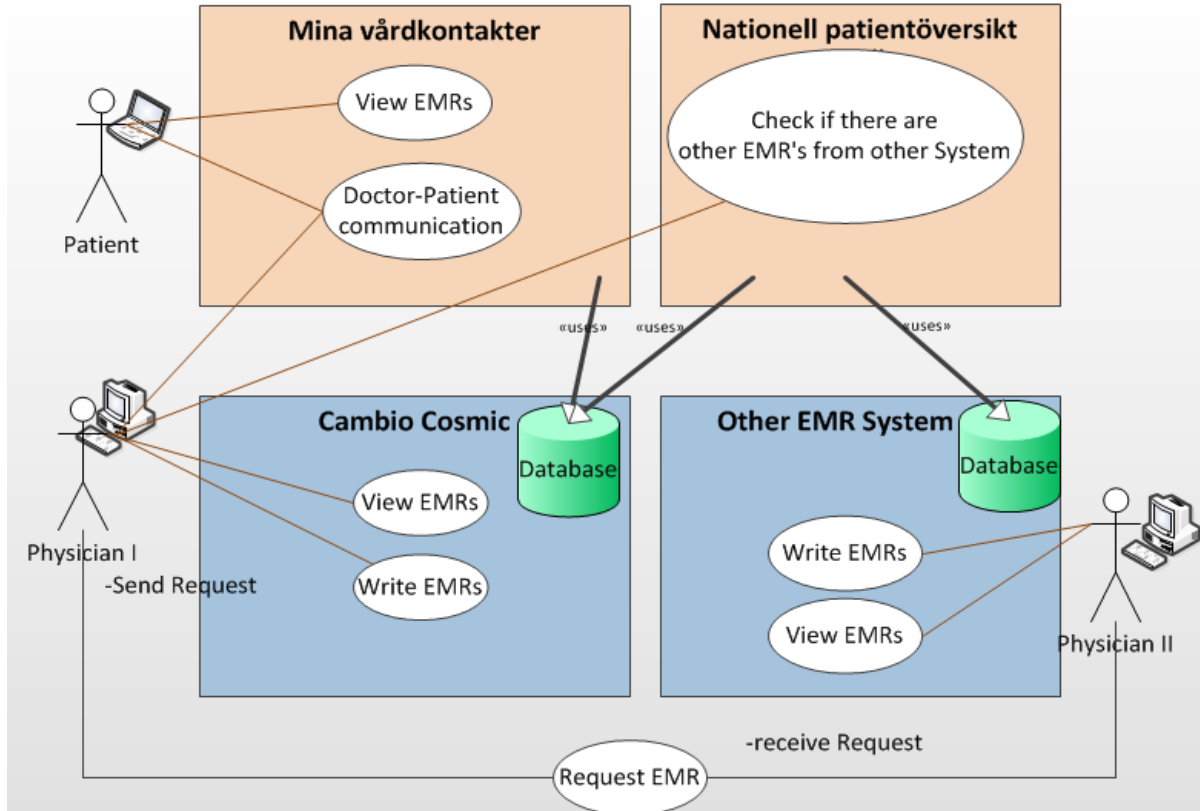
# Technical Overview

Cambio Cosmic

Mina vårdkontakter

Nationell patientöversikt (NPÖ)

# Overview of the System



# Legal Aspects

The Privacy Act (Personuppgiftslagen)

The Patient Data Act (Patientdatalagen)

The Publicity and Confidentiality Act (Offentlighets- och sekretesslagen)

# Requested Features

General overview

Drug interaction check

# Medical System Integration

## Solution finding process



Investigate  
earlier changes

Apply  
knowledge

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