

# Sunnaas Sykehus Information Exchange

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## About Us

We are a group of four students participating in the INF2260 - Interaction Design course at the University in Oslo. We all have some experience with research from earlier courses we've taken, considering we are all second year students. Our collected skillset leans heavily on the technical side of the project, but we do have some experience designing, as well as some experience with app development and graphical design. In spite of all this we're all just second year students with no prior knowledge of interaction design from before the start of our bachelor, furthermore we all have very limited experience working in group projects of this type.

## Sunnaas Rehabilitation Hospital

Sunnaas Rehabilitation Hospital is Norway's vastest specialist hospital in the field of rehabilitation and physical medicine, as it provides such things as multidisciplinary rehabilitation for patients struggling with complex functional impairments following illnesses or injuries. In addition to the rehabilitation process, they offer training and advising to patients and relatives, as well as conducting research, these are some of the important activities at the hospital.

Sunnaas play a central role regarding innovation and research, and participates in several different research projects that is being developed internally as well as with external partners. They also have their own user committee that assists in ensuring the protection of rights and interests of the concerning patients and relatives. The hospital is placed in

Nesodden, in Akershus county. It has a capacity of 160 beds and treats around 2800 patients yearly

## Information Exchange Project

Sonja Erlenkamp from the innovation team at Sunnaas Hospital has requested us to make a system to assist in information exchange. She described the problem as: bits of information is often lost for people who either have a home office or cannot attend meetings for various reasons.

We wish to develop a system that provides participants of information exchange a way to easily share it with everyone it may concern. We intend to focus on keeping the system intuitive and easy to access. The system should be able to be integrated into their current communication systems. We've found out that the system should act like tool to assist achievement of information sharing and should not be made to replace any current systems, instead try to expand shareability of information. Importantly, are we focusing on making the learning curve for the systems as nonexistent a possible.

## Considerations

Working in a hospital setting like this, we have to be aware of the privacy of the information we will encounter. While we will not directly work with patients, we will however most likely be in indirect contact with them. That will require us to be careful not to do test or data collecting that might risk the health of the patients. While communicating with the hospital we have been warned that any information that concerns the hospital and how they work shall be counted as sensitive and emails and such containing this information is to be encrypted.

## Expectations

Our goal is to make sure that information also reaches non-present employees. Our current situation suggest we build some kind of app to act as a tool for this or provide some service with similar function. We currently only have 5 weeks to develop a high fidelity prototype to test our concepts, so we plan to use an agile work process. We hope to at least have a working main function by the end of the period.