

## **DIGHEL4360 - Mandatory assignment 4: IT projects, software engineering, and sociotechnical systems design**

**Deadline: November 20 (23:59) in Devilry**

Your answer should be no more than 400 words. The regional public health organization HealthEastWest is in charge of managing five hospitals within a region in Norway. Currently, there is no standardized electronic patient record system within the region, and they want to initiate a project with the aim of implementing an IT system that can serve this purpose across these five hospitals.

Based on your learnings from the four lectures on IT projects, software engineering, and sociotechnical systems design, outline a set of challenges and important aspects HealthEastWest should consider when embarking on their project. You can assume that HealthEastWest has little experience with and knowledge of the complexities of organizing larger IT projects.

You are free to draw on any concepts, aspects, and issues discussed in the lectures and in the syllabus listed in the course schedule. The format of your answer could, for instance, be a list with short explanations and justifications of some challenges and considerations that you see as particularly relevant to highlight based on what we have discussed in the lectures and seminars.

If you have any questions, do not hesitate to contact me ([majalt@ifi.uio.no](mailto:majalt@ifi.uio.no))

Good luck!