# UNIVERSITETET I OSLO

## The Faculty of Mathematics and Natural Sciences

## Home exam in IN5210/IN9210 fall 2026

**Exam in: IN5210/IN9210 Information Systems**

*Your answer should be between 2000 and 4000 words (reference list not counted). Submit your answer using Wiseflow.*

*The submission deadline is November 23rd at 23:59 (midnight).*

*The exam consists of three assignments, each weighing equally in our assessment. Respond to the assignments separately.*

*Make sure you use your own words when explaining and discussing.*

*Use the literature from the syllabus in the assignments and follow good reference practice (UiO guidelines).*

*This exam must be your own work. GenAI tools are therefore not allowed to be used at any stage – this includes brainstorming, fact-checking, idea generation, paper analysis, or write-up. You may use GenAI to improve language; however, it is not recommended (this exam is not a test of your writing skills). If you use GenAI for this purpose, you must adhere to UiO Guidelines for using AI (following the recommendations and including a declaration of use).*

*This exam document is on two pages.*

**Assignment 1**
Use institutional theory to understand the DGM case.

- Introduce institutional theory briefly.
- Analyse the DGM case using institutional theory.
- Compare institutional theory with one of the other perspectives presented in the course, using the DGM case to illustrate what each perspective helps you see.

**Assignment 2**
Choose one perspective from the course to discuss smart glasses (for example, socio-technical, digital innovation, platforms, data justice, data work).

- Introduce the perspective briefly. Define it in your own words and explain its main idea(s), based on the course readings.
- Use the chosen perspective to discuss smart glasses. Be explicit about what the perspective helps you see and explain about smart glasses.
- Explain why you find this perspective relevant for discussing smart glasses as an information system/digital technology.

Your analysis should be based on the course material and the following sources on smart glasses, not on additional external material:

- *https://www.meta.com/no/en/ai-glasses/*

- https://dl.acm.org/doi/10.1145/3613904.3642242

**Assignment 3**

Reflect on what you have learned about theory and using theory. During the seminars and in the group assignments, you applied different theoretical perspectives to analyse the DGM case. In this assignment, we ask you to *reflect on what you have learned about theory and using theory in relation to a complex, real-world information systems problem* like DGM.

- Discuss what you see as the main roles of theory in IS research. What is it for and why do we use it?
- Discuss what you have learned about good application of theory in this course. What, in your view, distinguishes a *good* application of theory from a weaker one?
- Reflect on the challenges of using theory in relation to a complex real-world case. Drawing on your experience with the DGM case, discuss at least two concrete challenges you encountered when trying to use theory for analysis.

You may draw on any course readings, lecture material, and group assignments, but this assignment is about *your own* conceptual understanding and *reflections*.

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