# IN5320 - Development in Platform Ecosystems
Theory workshop

28th of November 2018
Department of Informatics, University of Oslo
Magnus Li - magl@ifi.uio.no

# Today

1. Some words about the exam
2. Tips for exam preparations
3. Discussions (platforms)

Not today:

1. Licensing (FOSS)
2. REST and web services.

# The exam

**Short answer questions (40%)**

10 questions - answer the question directly with a few sentences.

**Long answer questions (45%)**

Four questions with different "weight" (7 - 15%)

Longer answers, use concepts from the lectures and literature to discuss and show that you master the topics

**Discussion of choice (select one of four questions) (15%)**

Same as previous. Select one of four. Think of which one you will be able to give the best and most detailed answer to. Use all appropriate concepts from lectures and literature.

# Managing time

**4 hour exam = 2,4 minutes per %**

Use the percentage as an indicator for how much time and effort we expect you to put into the answer.

- **Short answer questions (40%) - 96 minutes**
    - 10 questions - 9.6 minutes each
- **Long answer questions (45%) - 108 minutes**
- **Discussion of choice (select one of four questions) (15%) - 36 minutes**

# Some tips

- Read the whole exam first. Note down any questions you might have for Olav and me.

- Keep a "living" note on the long-answer/discussion questions.

# Prepare for the exam

- Look at the course overview document

- Read the literature!

- Do the theoretical assignments

- Make a note of important concepts and points for the different topics
    - Information systems and complexity
    - Platform ecosystems
    - Design
    - Programming
    - Innovation

- Make a list where you define key concepts.

- Brief overview of the literature.

## Syllabus/achievement requirements

- Course topic overview

## Information systems and complexity

- I. Sommerville et al., (2012) - *Large-scale complex IT systems*
- K. Rolland, E. Monteiro (2002) - *Balancing the Local and the Global in Infrastructural Information Systems*

*Additional readings*

- Orlikowski & Lacono (2001) - *Research Commentary: Desperately Seeking the "IT" in IT Research—A Call to Theorizing the IT Artifact*
- Lee (2004) - *Thinking about social theory and philosophy for information systems*

*Reflect alone, or discuss with fellow students:*

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*"Som nøytral og nasjonal aktør, skaper Entur en digital **plattform** for kollektivdata"*

Visit [www.entur.org](http://www.entur.org) and read a bit on what this service is.

Is it a platform according to the definition of 1) Baldwin and Woodard, and 2) Tiwana?

Why or why not?

# Platform Ecosystems

*Reflect alone, or discuss with fellow students:*

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"Today, DHIS2 is the world's largest HMIS **platform**"

1. Is DHIS2 multi-sided?

2. Are there any same-sided or cross-sided network effects?

3. What boundary resources exist?

4. Are there any scaffolding supporting local implementations of the software?