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# Modul 7 (Case study)

Introduktion



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# Learning goals

- Read up on a specific topic
- Practice presentation of a new topic to other students
- Collaborate on a large task
  - This year: using digital distance-working tools



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# The case study

- Each study group will
  - research a database system
  - present their experiences to the other group
  - oppose to another groups presentation



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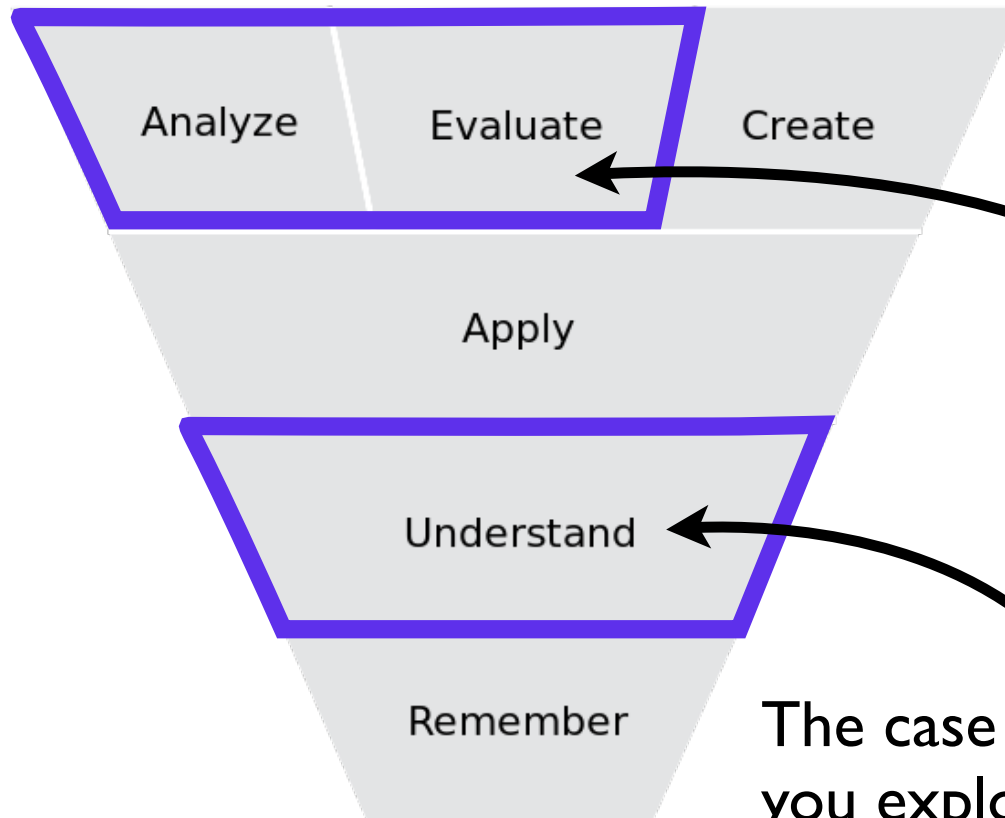
# Pedagogic foundation

- We learn in different ways
- You remember different amounts from different activities
  - 20% after listening
  - 30% after reading
  - 70% after talking
  - 90% after doing
- During preparations you will read and discuss
- During the presentation you will talk and listen



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# Revised Bloom's taxonomy



The case study will make you explore these areas of the cognitive domain.



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# Time management

- You have limited time to research and put together your presentation
- An important skill (program goal) is to learn how to manage your time to solve a problem within given limitations and timeframes



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# General requirements

- All members in the group must participate in preparations
- The presentation should be in English
- The presentation should be 10-15 minutes
  - not including questions and discussion
- Each presentation is followed by 5 minutes discussion and question from opponents
- You should prepare and use slides
- All group members must be active in the presentation
  - No requirement for equal talk time



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# Setting

- Audience
  - 3 other groups
  - 1 member of the teaching staff
- Be there in time before the presentation begins
- Mandatory attendance during all sessions





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# Opposition

- Purpose:
  - Constructive discussion on the topic of the presentation
- The opponents:
  - Listen actively and takes notes to prepare questions
  - Are responsible for the discussion after presentations



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# Topics

Groups	Topic
A, E	mySQL
B, F	mongoDB
C, G	SQLite
D, H	redis



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# Schedule

Start	End	Study groups	
10:15	10:35	DG A	DG E
10:40	11:00	DG B	DG F
11:00	11:10	BREAK	
11:10	11:30	DG C	DG G
11:35	11:55	DG D	DG H

Respect the starting times – be there five minutes before!



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# The power of collaboration





# Suggested workflow

- Kickoff meeting (today)
- Individual research
- 1:st meeting: Discuss findings, Decide content, Create subgroups
- Each subgroup focus on their part
- 2:nd meeting: Present findings, Decide outline & tools
- Each individual prepare their part
- 3:rd meeting: Put together draft, identify missing parts, assign time quotas for each part
- Polish the presentation, each individual rehearse their part
- 4:th meeting: **Rehearse together**, fix minor errors, test the setting



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# Working together online

- Video meetings
  - Useful for live communication
  - Recommended: Zoom
- Slack
  - Chat with a lot of plugins
  - Useful to keep track of workflow
  - Useful for quick questions
- Google docs
- Schedule meetings:
  - To synchronize everybody's work



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# Zoom meetings

- Today :
  - Start working together in groups
- Next week :
  - Workshop with teacher present
  - Use scheduled time to prepare
- Presentation :
  - As today, but **you** are the presenters



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# Now:

- Sit down in study groups (in breakout rooms)
- Start discussing
- Start with pre-1:st-meeting tasks