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Case Study

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The case study

- Each study group will
 - research a topic
 - present their findings to the other group
 - oppose to another groups presentation



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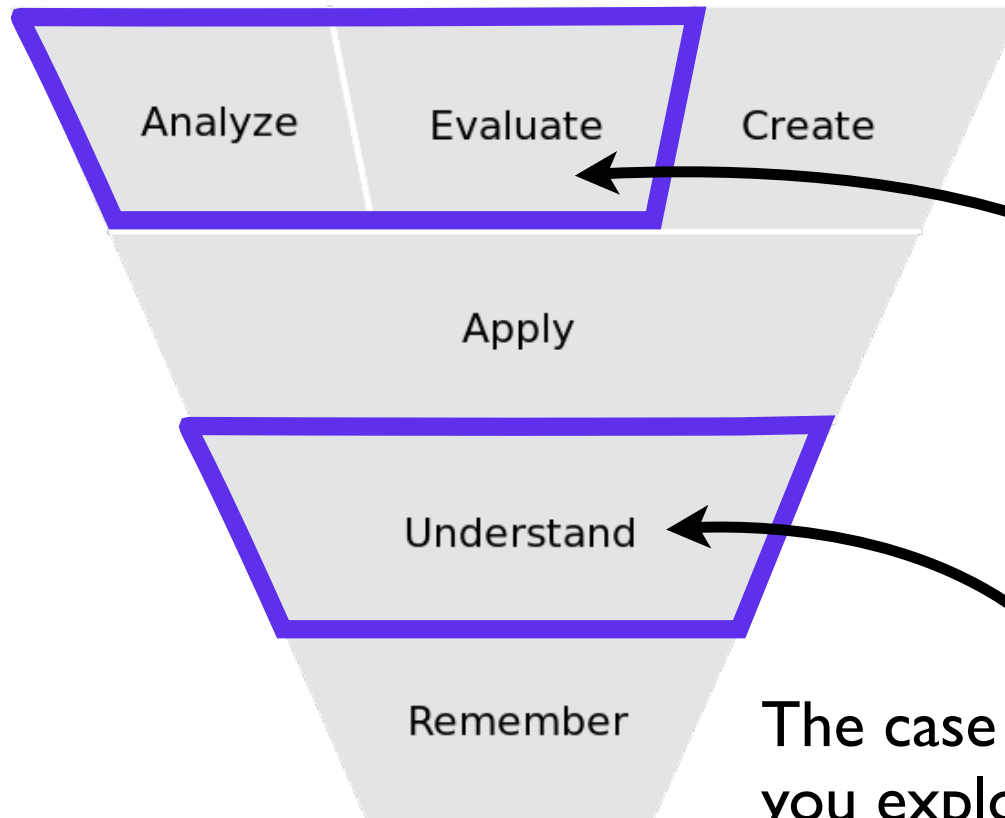
Pedagogic foundation

- 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 20-25 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
- Each group bring their own, prepared and working laptop
 - Make sure this works in the presentation rooms days before



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Setting

- Audience
 - 4 other groups
 - 1-2 members 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:
 - Inform gently when there is 5 respective 1 minutes left
 - Listen actively and takes notes to prepare questions
 - Are responsible for the discussion after presentations



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Topics

| Groups | Topic |
|--------|---------------------------|
| E, J | Contiki |
| D, I | Android |
| C, H | Peer-to-peer networks |
| B, G | Delay-tolerant networking |
| A, F | Data centers |



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Schedule

Case study

DSP (1DT003)

Monday 2019-04-01

| | | | Room | | | Room | | |
|-------|-------|----------|--------------|------------|------------|--------------|------------|------------|
| | | | P1112 | | | P1113 | | |
| Start | End | Duration | Case | Presenting | Opposition | Case | Presenting | Opposition |
| 08:30 | 09:05 | 00:35 | Contiki | E | B | Contiki | J | G |
| 09:05 | 09:40 | 00:35 | Android | D | A | Android | I | F |
| 09:40 | 09:55 | 00:15 | BREAK | | | | | |
| 09:55 | 10:30 | 00:35 | P2P | C | E | P2P | H | J |
| 10:30 | 11:05 | 00:35 | DTN | B | D | DTN | G | I |
| 11:05 | 11:20 | 00:15 | BREAK | | | | | |
| 11:20 | 11:55 | 00:35 | Data centers | A | C | Data centers | F | 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, Form pairs
- Each pair focus on their part, find information, read up
- 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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Now:

- Sit down in study groups
- Start looking at the subject
- Start with pre-1:st-meeting tasks