

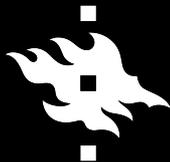
# Benefits of Online Course Diaries Tool on Teaching and Learning Experience

Ville Kivimäki, Jani Romanoff,  
Heikki Remes

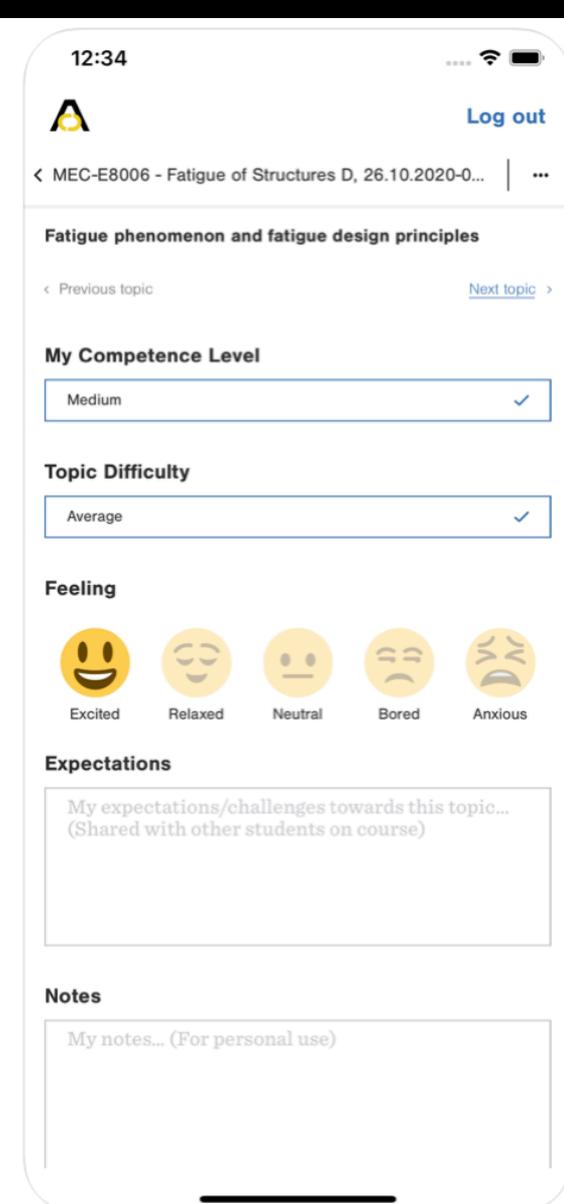
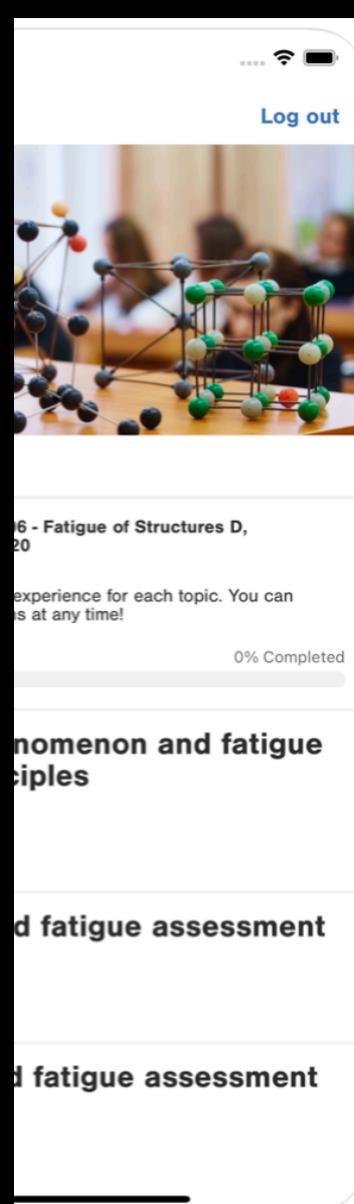
9 June 2021



Aalto-yliopisto  
Aalto-universitetet  
Aalto University



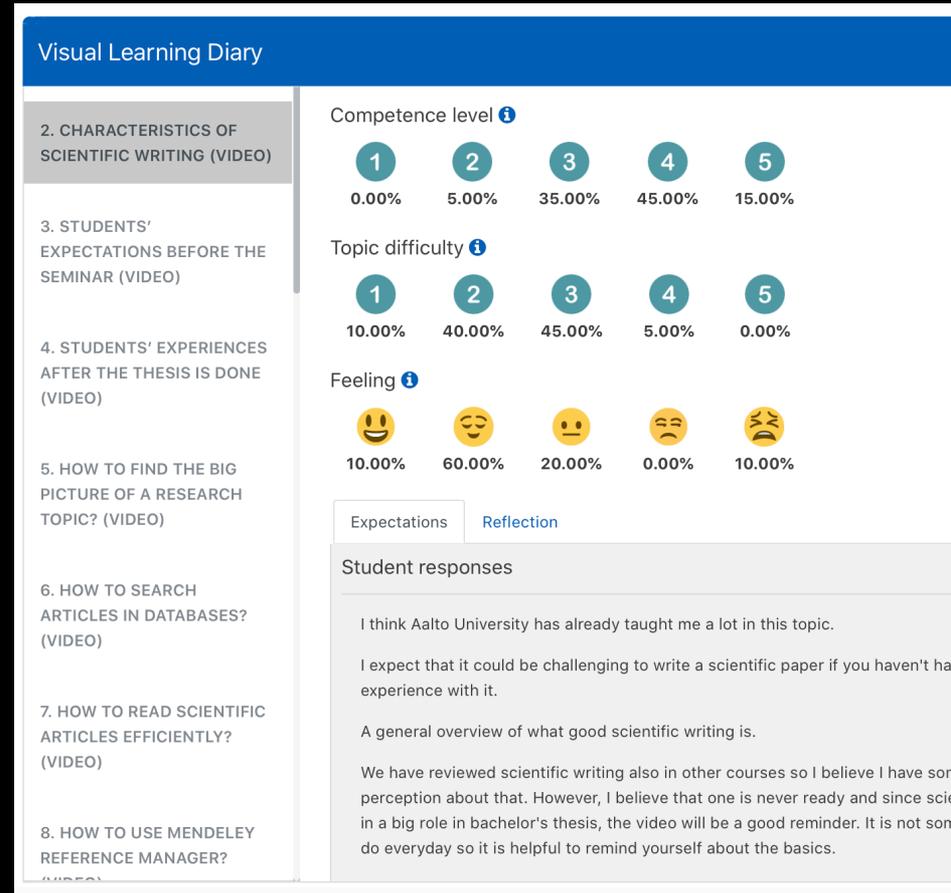
UNIVERSITY OF HELSINKI



The tool lists student's courses and their intended learning outcomes as simplified short topics.

On each topic, a student can assess his/her learning experience weekly through

- three fixed scale items
  - competence, difficulty, feeling
- three open-response items:
  - expectations, notes, reflection
- Summary views for teacher and participating students



# Teacher's aims and results on tool

Aims	Count
Student monitoring	5
Preparing for teaching	4
Promoting deeper learning	2

Results	Count
Adapted course content	4
Insights	3
Teacher's metacognition	2
Student's thinking	1

# Effects on regular feedback and teacher's recommendations for future use of the tool

Effect on regular course feedback	Count
Positive effect	4
Extremely positive	2
No effects	1

Results	1	2	3	4	5	6	7
Cognitive Support (CS)	X	X	X	X	X		
Presentational Support (PS)			X	X			X
Communication Support			X			X	X
Mixture (CS plus PS)			X	X			

# Summary

- **Technology + education = better learning, especially in feedback activities**
- **Best is to combine cognitive and presentational support**
- **Teachers are now demanding tools to see how their students are learning (and feeling)**
- **Giving teachers free hands to use the tool yielded positive versatile results**
- **Tool use was probably not optimal for all teachers → training / workshops needed?**

**Ville Kivimäki**  
**ville.kivimaki@helsinki.fi**



**aalto.fi**



Aalto-yliopisto  
Aalto-universitetet  
Aalto University



UNIVERSITY OF HELSINKI