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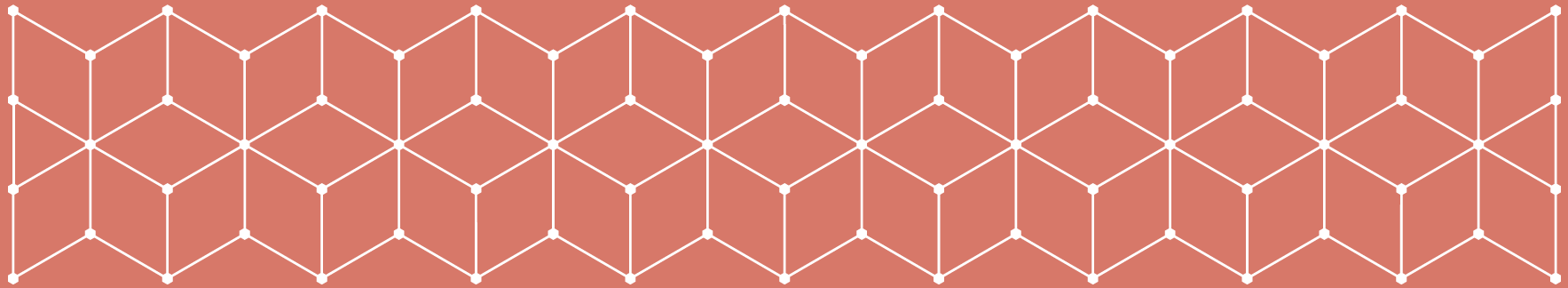
Making Technology Matter
for Processes of Co-Creation and Innovation in Cross-Sectorial Collaborations



Fahd Newaz | Faculty of Computer Science, Engineering and Economics

21.04.2023

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In what ways can the representation of a diverse range of technology be used and be of value in co-creation processes?

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Agenda

- Introduction – pARTiciPED
- Literature
  - Co-creation
  - Design Choices Framework
- Methods
- Results – Technology's role in co-creation
- Conclusion

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In what ways can the representation of a diverse range of technology be used and be of value in co-creation processes?

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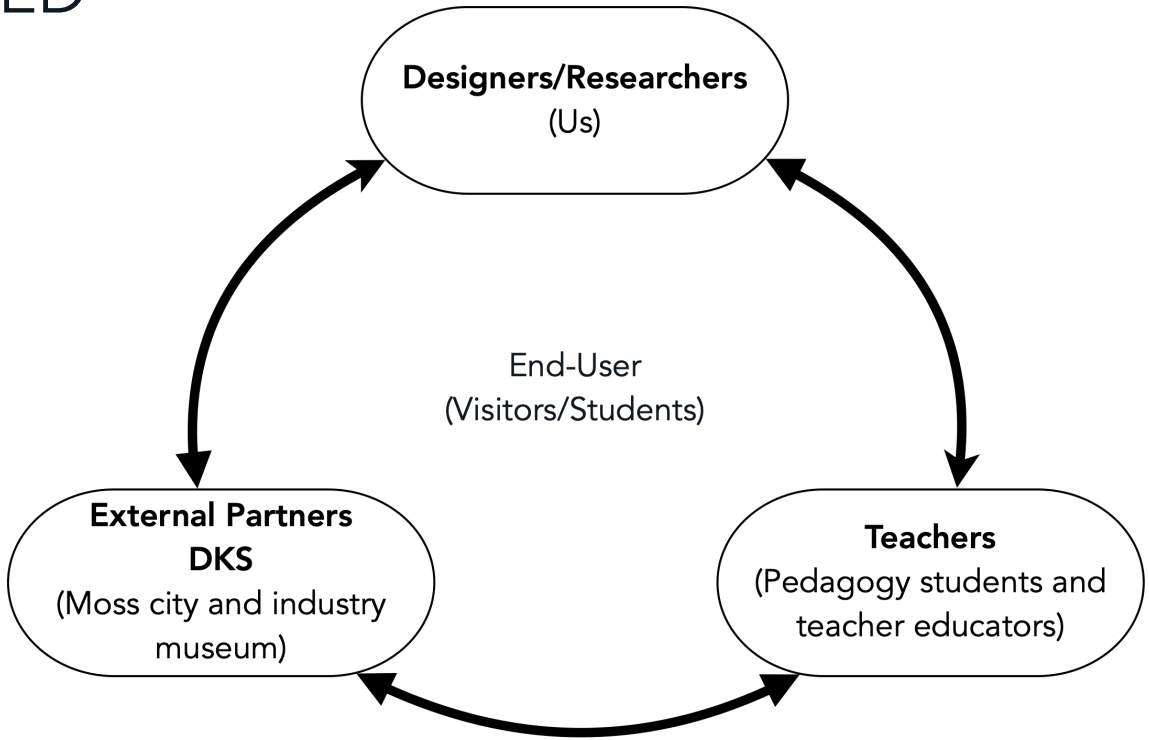
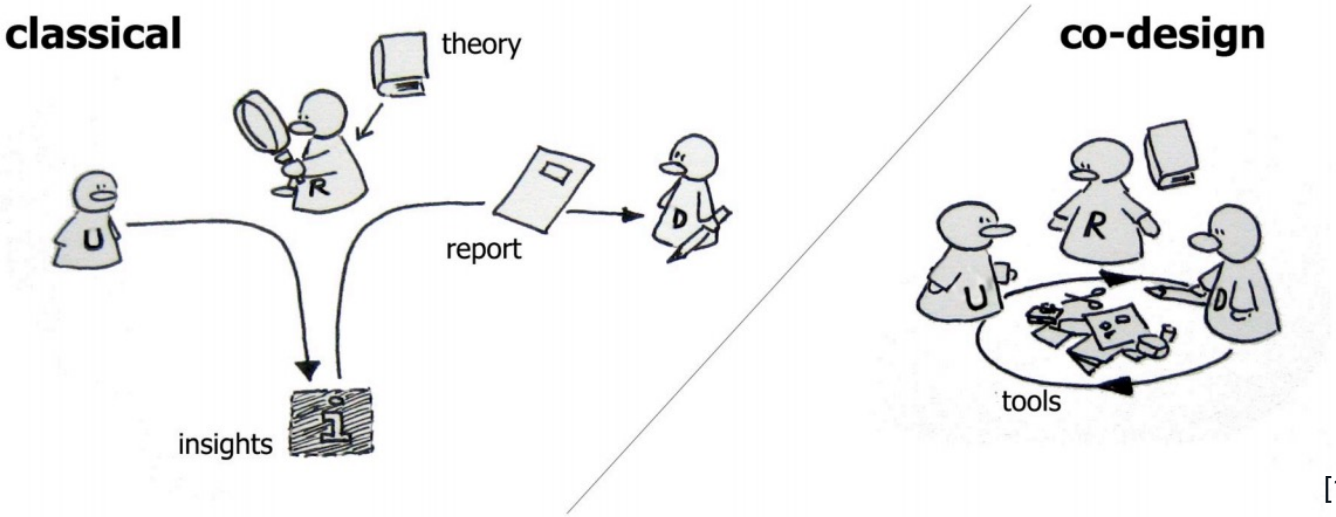
pARTiciPED

"Empowering student teachers as agents of change in cross-sectorial collaborations using The Cultural Schoolbag (TCS) in Norway as a learning platform."

pARTiciPED


Designers/Researchers
(Us)
End-User
(Visitors/Students)
External Partners
DKS
(Moss city and industry museum)
Teachers
(Pedagogy students and teacher educators)

Co-creation



[1]

Design Choices Framework

Project preconditions
- Openness of the brief
- Purpose of change
- Scope of design

Participants
- Diversity in knowledge
- Differences in interests
- Distribution of power

Co-creation events
- Types of activities
- Setting for co-creation

Project results
- Outputs of the project
- Outcomes of the project

[2]

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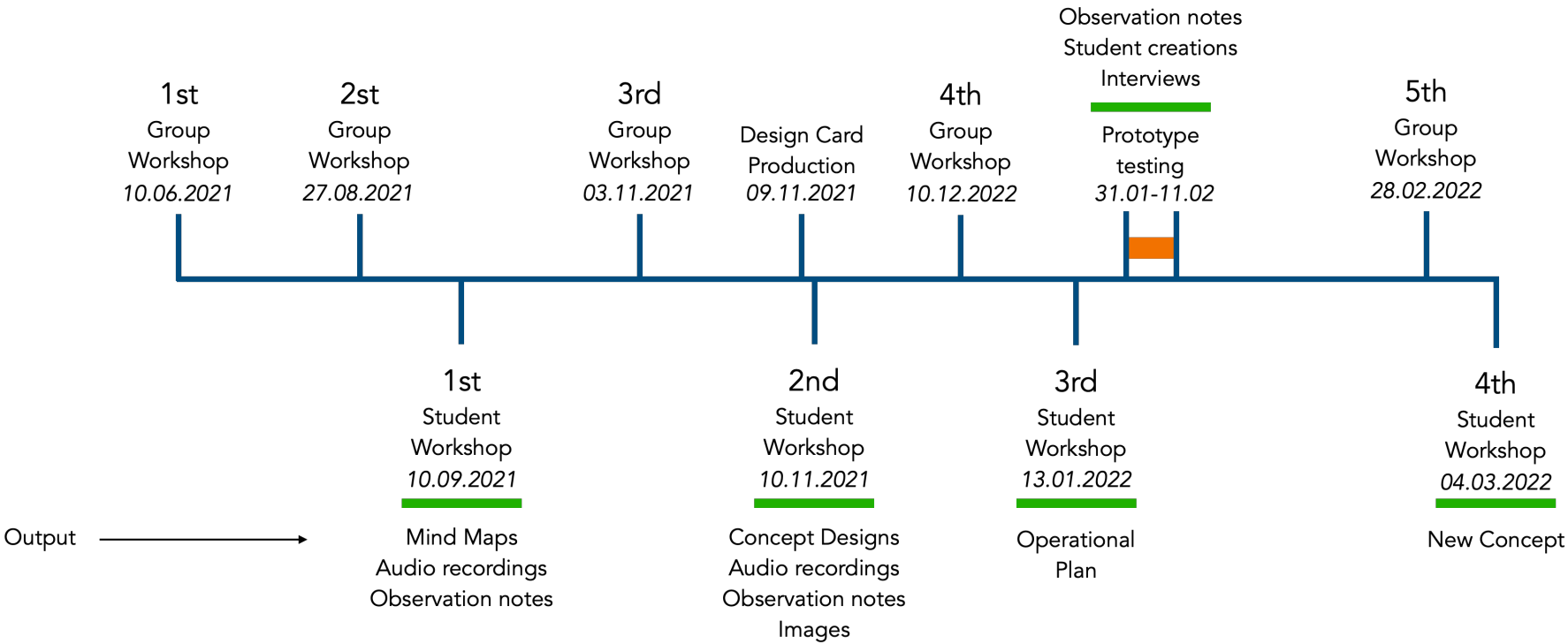
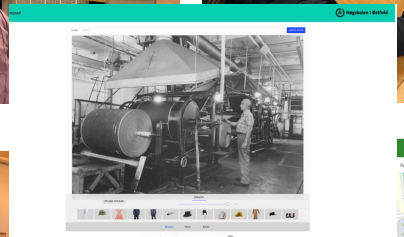
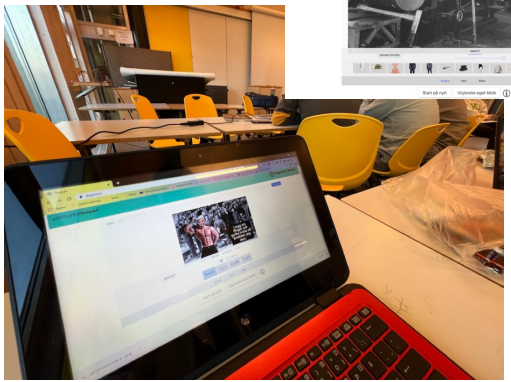
Methods

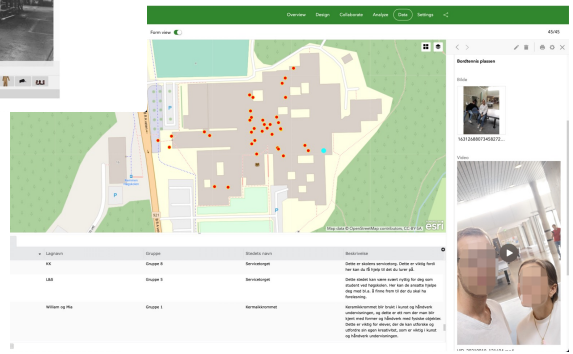


Methods

- Oral presentation
- Surveys
- Images
- Design cards
- Demonstrations
- Interactive prototypes







Results

Results

Participants
- Diversity in knowledge
- Differences in interests
- Distribution of power

Project preconditions
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[2]

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Conclusion

Technology DOES Matter
for Processes of Co-Creation and Innovation
in Cross-Sectorial Collaborations

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Thank you!

References

[1] E. B.-N. Sanders and P. J. Stappers, "Co-creation and the new landscapes of design," *CoDesign*, vol. 4, no. 1, pp. 5–18, Mar. 2008, doi: 10.1080/15710880701875068.

[2] J. Lee, M. Jaatinen, A. Salmi, T. Mattelmäki, R. Smeds, and M. Holopainen, "Design choices framework for co-creation projects," International Journal of Design [Online], vol. 12, no. 2, 2018.

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