

Debriefing Dashboard for Interprofessional Collaboration

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Background

- Professional work often takes place within interprofessional (IP) teams, yet teaching is organised separately according to degree programmes and types of higher education institution.
- There is often a lack of shared digital tools and infrastructure to facilitate discussion and the achievement of common goals within IP teams.

In our project [Agile Competency-Based Learning for Individuals and Teams \(ACTIVATE\)](#) we aim to demonstrate, using the healthcare sector as a case study, how students from different degree programmes can learn to work together in interprofessional teams, and to this end we have developed teaching scenarios and digital tools, in particular a [Dashboard](#) to support the debriefing of simulation training.

Overview

- We have developed digital tools to support participation and co-creation in interprofessional collaboration and to unlock the potential of interprofessional team training beyond its conventional limits by enhancing its transformative impact through the use of digital tools, , particularly an ontology (=knowledge base), a database and the interconnected dashboard.
- Today, we present a live demo of the web-based ACTIVATE debriefing dashboard developed at Leipzig University of Applied Sciences, which supports dialogue and decision-making after the debriefing following an interprofessional team training, and sources where to find information about the use of the ACTIVATE dashboard and its technological background.

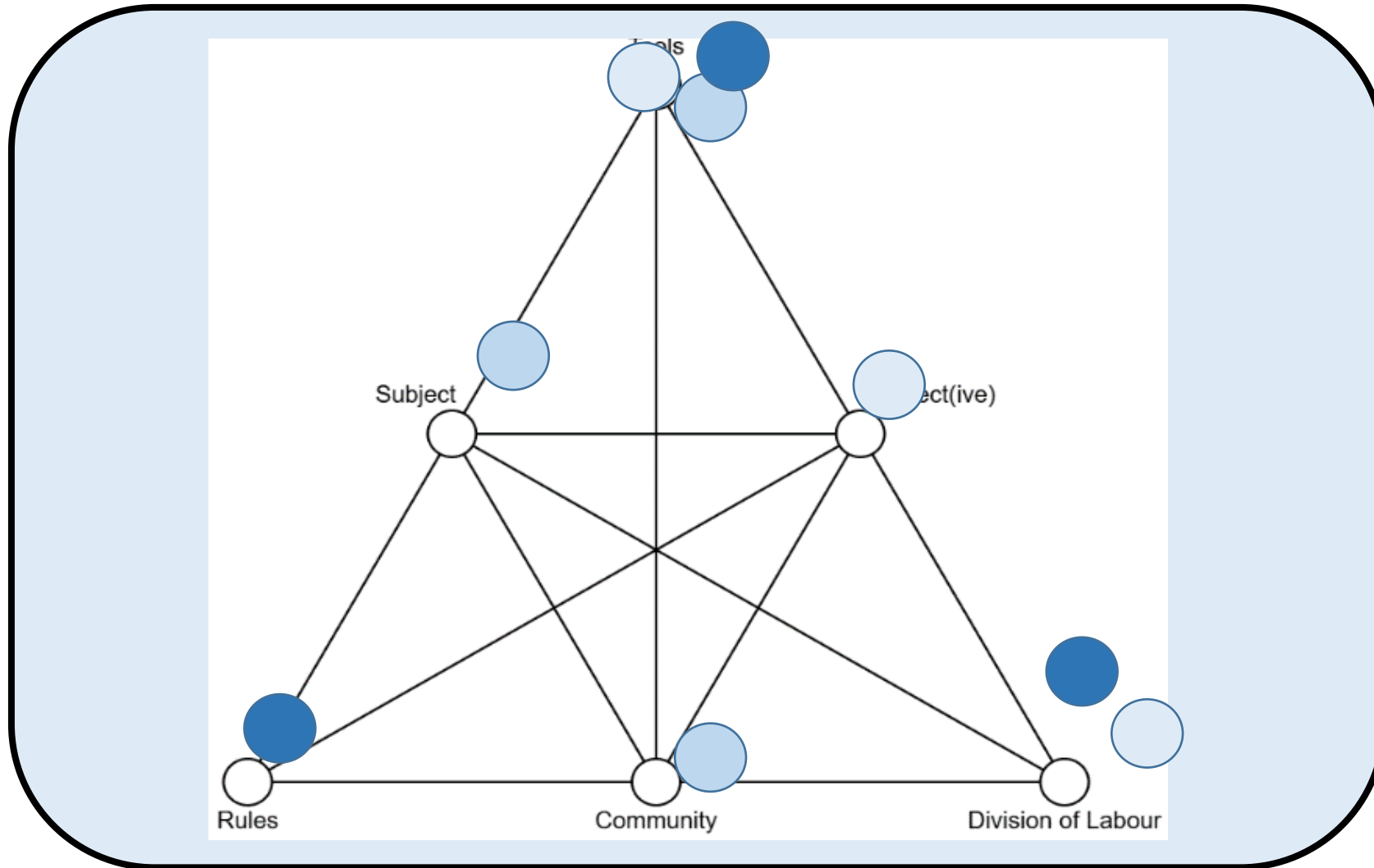
Challenges & our responses

- Knowledge is scattered across an IP team / across various documents and tools / within an organisation -> The dashboard visualises a collaboratively developed knowledge base
- Different technical languages and/or native languages -> The dashboard is multilingual
- No standard framework for discussing objectives
-> (Cultural Historical) Activity Theory as a unified framework
- Varying levels of digital literacy within the IP team-> The dashboard offers different views of varying complexity

Simulation training with interprofessional teams in the healthcare sector

- Until now, students have generally only practised for their future careers using specific case simulations within the modules of their own degree programme.
- As part of the ACTIVATE project, teaching scenarios for joint training sessions involving students of medicine, nursing, occupational therapy and pharmacy have been developed and tested in both Germany and Sweden.
- The knowledge gained during the debriefing after a simulation training is visualised in the activity diagram of the dashboard developed by HTWK Leipzig and facilitates further discussion

Activity Diagram from CHAT



ACTIVATE Dashboard

- is a generic software solution (RDF knowledge base and VUE visualisation)
- enables the automated creation of scenarios and conflicts using an LLM based on audio transcripts and responses to feedback questions
- visualises the activity diagram and conflicts, which can be discussed as in a forum is multilingual,
- offers various views and different options depending on the user's role
- has been evaluated in Münster and in intention tests in Örebro with teachers / in Mälardalen with students
- Is available as open source software via github

-> Live-Demo of web-based [ACTIVATE Dashboard](#)

ACTIVATE Dashboard

- 10+ students participating in development, 3 Master theses about our developments, 2 peer-reviewed articles (WDL 2025, GeNeMe 2026), video tutorial
- Prof. Thomas Riechert gave advice on semantic web technologies
- Oleg Krikotov cared for project management and documentation
- Christi Göb has extended filling of dashboard via automatic transcription



Thank you for your attention!

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Website: <https://medicampus.uni-muenster.de/ccel/projects/activate/>

Video: <https://videofund.de/activate/quick-start-guide-debriefing-dashboard.php>

