Designing Technology for Instructors to Monitor Collaboration

Champaign, Illinois, USA

RESEARCH QUESTIONS
1. What do teaching assistants anticipate they need in order to successfully support collaboration?
2. How can their ideas, in tandem with design theory and classroom research, be used to inform the design of orchestration tools?

CONTEXT
Class
- Engineering discussion sessions
- Synced tablets
- 8 groups with 3 or 4 students each
Teacher Tool
- Visualized group processes
- View and project students work

VISUALIZATIONS
Activity
- How much a student has written on the tablet
Progress
- What pages of the worksheet the groups have completed
Location
- Which page of the worksheet the student is viewing

PHASE ONE
PHASE TWO
FINAL TOOL

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