SlideQA

: Supporting Effective Q&A in an Offline Academic Presentation

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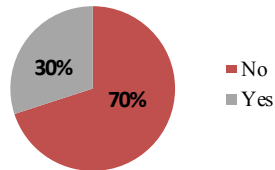Knowledge Service Engineering, KAIST
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Preliminary Studies

Interview (N=5)

Q. Did you actively participate in the Q&A session by asking questions?

- No 70%
- Yes 30%

Q. If no, why didn't you ask any questions?

"Because I *don't* want to receive *attention* from others." (P1)

"I was *concerned about the quality* of my question" (P2)
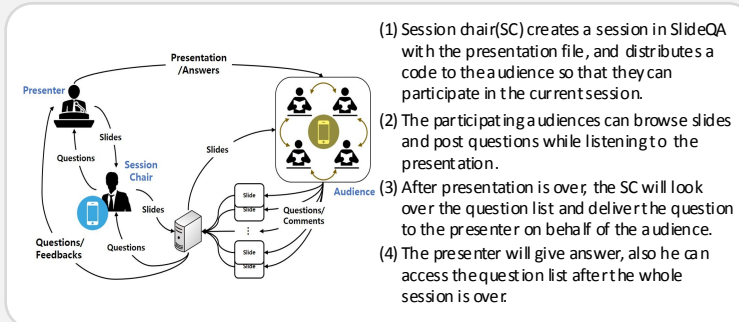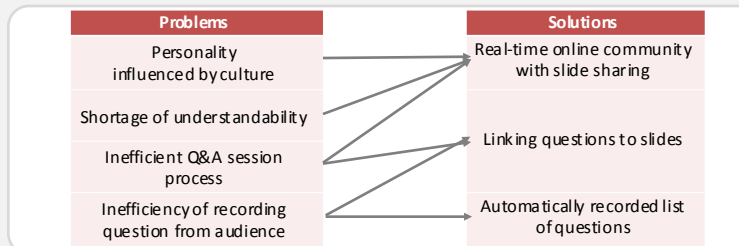
"I *couldn't understand* the contents." (P5)

Q. Is there any difficulty in using the current Q&A system?

"During I am asking, it is *inconvenient to describe slide* that is related to my question." (P5)

"Compared to shortage of allocated Q&A time, especially for the large-scale presentation, the selecting question is *not considering the main concerns* that most of audience are interested in." (P2)

SlideQA Design

Problems	Solutions
Personality influenced by culture	Real-time online community with slide sharing
Shortage of understandability	Linking questions to slides
Inefficient Q&A session process	
Inefficiency of recording question from audience	Automatically recorded list of questions

(1) Session chair(SC) creates a session in SlideQA with the presentation file, and distributes a code to the audience so that they can participate in the current session.

(2) The participating audiences can browse slides and post questions while listening to the presentation.

(3) After presentation is over, the SC will look over the question list and deliver the question to the presenter on behalf of the audience.

(4) The presenter will give answer, also he can access the question list after the whole session is over.

Slide reviewing
Users can freely screen slides during participating in the session

Question list
Users can leave questions

Users can choose two options: anonymizing a question and selecting a question type; general or slide-specific.

Evaluation
Pilot Study

Environment of Pilot Study

Task: 15 min presentation + 5 min Q&A

Participants: 19 graduate students (2 presenters, 16 audiences, and 1 session chair)

Method: post survey & interview

Level of Participation

Most of the audiences said that their level of participation increased by using our system.

- Pressure of asking questions was reduced with anonymity
- Audience's motivation was improved due to participation of others
- Other people's questions helped them to compose related questions.

Level of Satisfaction & Reusability

We asked about overall satisfaction and how likely they are to reuse SlideQA in a 7-point Likert scale.

	Level of satisfaction	Level of reusability
Audience	5.50 (SD=1.12)	5.56 (SD=1.32)
Presenter	5.00 (SD=0.00)	5.00 (SD=0.00)

Post survey & Interview (N=19)

Help Reviewing Slides

Slide reviewing enabled the audience to personalize the pace of a slide show.

"I could *freely revisit* the past slide to make up for the missing part" (P2)

"I could *freely stay* on the interesting slide to see in detail." (P9)

Facilitate Slide-specific Questioning

Slide-specific questioning brought easier and clearer interactions.

"When writing a question, I could *remember* what the presenter said in a certain slide, and so I can deliver the question more *clearly.*" (P17)

"Slide-specific questioning helped me to *focus on* the questions and *think together.*" (P13)

Future Work

- Balancing the trade-off between offline and online Q&A activities
- Dealing with distractions during the offline presentations effectively by automatically syncing the current slide.

Knowledge Service Engineering

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