

Agenda

- · Background and Related Work
- The SCORPION System
- Evaluations
- · Conclusions and Future Work

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Background and Related Work

Existing means to edit presentation slides can be distracting or redundant

- Common design issues can be categorised (Garner and Alley, 2013) & (Sharp et al., 2007)
- A system to suggest messages, such as "Can you provide some evidence?" (Lee et al., 2020)
- Excessive moderation can affect the activeness of discussions (Perrault & Zhang, 2019)
- · Screensharing is dependent on Wi-Fi and computers

Objective

- Create a web application to remotely review presentation items optimally (quickly with no redundancy) and nonverbally
 - Reviewers = Use our proposed system, SCORPION, to give feedback
 - Editors = Fix those pages based on the feedback
- Determine if it is quicker and less distracting than existing means
- · Determine if it is function-wise satisfactory

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Presumptions

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- What users do not have to worry about (Garner and Alley, 2013)
 - · Font types and sizes are determined.
 - · Everyone has the same professionalism.
 - Every necessary information and page is present and correct.
 - · Everyone can speak the same languages equally.
- · What they have to worry about (Sharp et al,. 2007)
 - Background Colour Issues
 - Font Colour Issues
 - Word Issues (e.g.: word choices, typos, or grammatical issues)
- · Layout Issues (e.g.; unjustified paragraphs or obvious layout issues)

Synchronised

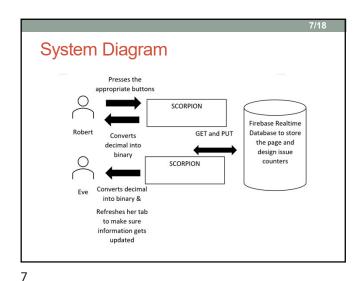
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SCORPION FOR SC

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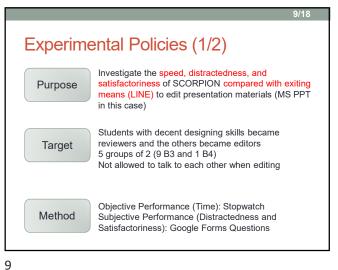
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What to compare SCORPION with? · Why not previous works mentioned earlier? • We have to compare time, so we need to have their systems with us. • Why not video conference software (e.g., Skype or Zoom)? SCORPION is fundamentally different from them. · Why not something like the PPT comment function? · It is often used asynchronously. · Hence, LINE is the most appropriate choice. · Our objective is to compare SCORPION with existing means users often use to review presentation slides, so it is logical to choose LINE.

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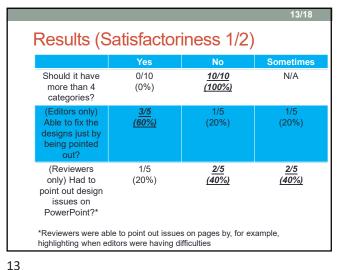
Experimental Policies (2/2) Edited 2 similar but different PPT pages 0-4 design issue types per page G1-G3 used LINE first and G4-G5 used SCORPION first Task フォントの色が派出すぎるor地味すぎるor見にくい。 背景の色が派出すぎるor地味すぎるor見にくい Coloui Issues 単語のセンスがおかしい(誤字脱字等)。 Word レイアウトや配列の仕方がおかしい。 Screenshot of one of the pages used

		11/18
Results (Tim	ne)	
	LINE	SCORPION
G1	16:36	<u>07:52</u>
G2	09:35	<u>06:12</u>
G3	17:20	<u>07:46</u>
G4	06:25	<u>04:30</u>
G5	07:25	<u>05:36</u>

Results (Distractedness) Was LINE distracting? 6/10 4/10 (40%) (60%) If yes, why? (2) Received messages (1) Didn't know how to orchestrate the discussions (1) Was SCORPION 8/10 2/10 distracting? (20%) (80%)Updates went unnoticed (2)* If yes, why? *Debatable if this is "distracting", so its discussion will be moved

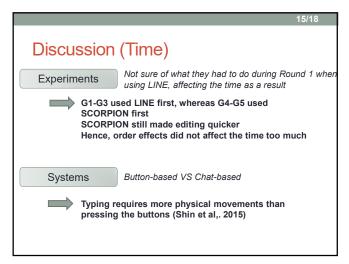
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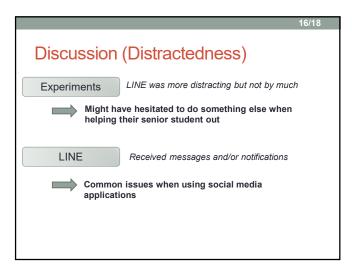
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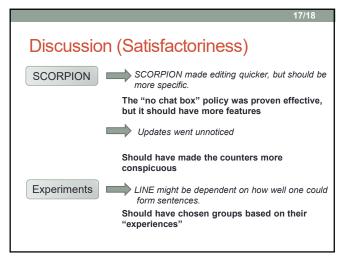
Results (Satisfactoriness 2/2) Response 2 (from an editor) Response 3 (from an editor) Response 1 (from a reviewer) SCORPION should be SCORPION was LINE might be more specific when easier to use. dependent on how telling where to fix well one could form (e.g. top, centre, bottom). sentences

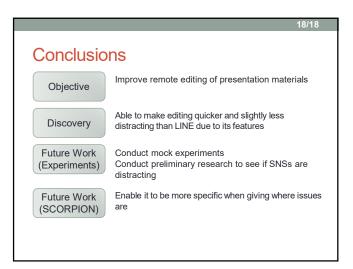
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