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Article

Orchestrating and Choreographing Distributed Self-Explaining Ambient Applications

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Questionnaire on technical perception

(Translated from German)

	- - -	- -	-	-/+	+	++	+++	
The system does not feel like a uniform application	O	O	O	O	O	O	O	The system feels like a unified application
The system's stations respond slowly to inputs	O	O	O	O	O	O	O	The system's stations respond quickly to inputs
The overall system reacts slowly to inputs, i.e. I must wait until other stations react to inputs	O	O	O	O	O	O	O	The overall system responds smoothly to inputs, i.e. I don't have to wait for other stations to respond to inputs
The overall system does not focus on the stations that are important now	O	O	O	O	O	O	O	The overall system directs the focus to the stations that are important now
Moving around while operating the application prevents me from staying in the flow	O	O	O	O	O	O	O	Moving around while using the application helps me to stay in the flow
The use of feedback via sound output, light effects and graphic displays does not help me to understand the system status	O	O	O	O	O	O	O	The use of feedback via sound outputs, light effects and graphical representations promotes my understanding of the system status

The feedback provided by the system feels delayed	O	O	O	O	O	O	O	The feedback given by the system feels immediate
	- - -	- -	-	-/+	+	++	+++	

	- - -	**- -**	**-**	**-/+**	**+**	**++**	**+++**	
It feels as if there is no wired connection between the button board and the graphical user interface of the station	O	O	O	O	O	O	O	It feels as if there is a wired connection between the button board and the graphical user interface of the station
It feels as if there is no wired connection between the feedback lamp and the graphical user interface of the station	O	O	O	O	O	O	O	It feels like there is a wired connection between the feedback lamp and the graphical interface of the station
It feels as if there is no wired connection between the application and the room's lighting	O	O	O	O	O	O	O	It feels as if there is a wired connection between the application and the room's lighting
It feels as if there is no wired connection between the application and the background music system	O	O	O	O	O	O	O	It feels like there is a wired connection between the application and the background music system
	- - -	- -	-	-/+	+	++	+++	

Can you imagine using a comparable system with stations in other areas of application? Please give specific example applications and the associated area of application.

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