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10/6/2013











BAD CONCEPT			
	REJECT	CO-CREATE THE DESIGN	
-	"I'd never use this. Ever. Even in a different setting." (P6)	"The design would be much more useful if I could customize how the city talks to me" (P3)	
	BAD STORY	GOOD STORY	
	"I would use this when visiting my friend in NYC who is always too busy to hang." (P4) CO-CREATE THE	<i>"I would definitely use the City Chan- nel, whether I was new or had lived in a city for years"</i>	
	DESIGN PRINCIPLES	CONSUME	
	GOOD C	ONCEPT	14





















(Clinical Trial Preferences		
Theme	Theme Description	Example from transcripts	#
Medication	A preference for or against taking pills / medications	No medication, I don't take, I don't even take aspirin; Medicine, medicine just makes it worse	31
Invasivenes S	Degree of intrusion of devices or medications in the body	it sort of wears me out the thought of a direct delivery to the site of cancer with something like directly being delivered like interdermally it sounds like it's going through your skin into the cancer site; It's easier, non-invasive	30
Existing Condition Self	A current or past health condition of the participant	I have Chrons's disease; Because I am a diabetic	29
Procedure Familiarity	Participant has experienced one or more of the trail procedures before	I'm not familiar with the technology in this one; cause well every time you go to the doctor you give a urine sample anyway	26

(Clinical Trial Preferences			
Theme	Theme Description	Example from transcripts	#	
Procedure Perceived Discomfort	Estimating how much pain, embarrassment or discomfort the procedure will inflict	I might injure my back; the days leading up you have to like go on this weird medical diet, and it's the worst medicine ever; I think the electrolysis is more comfortable but it's like I'd still prefer the shot	23	
Treatment Benefit	Health improvement from intervention	I would like to know what works what medicine works on what I have; they find out what is going on with your body, it could save you and they can give you treatment for it	19	
Existing Condition Other	A current or past health condition of a friend or family member	Diabetes is running is running in my family; what my father-in-law has	15	
Medical / CAM	A preference for either medical or alternative treatments	the mind body connection which this one represents and this one could be helpful in a nontraditional way; I	15	

(Clinical Trial Preferences		
Theme	Theme Description	Example from transcripts	#
Study Duration	Time commitment for total participation or for a specific procedure	How long is the trial?; It's just long and annoying	14
Procedure Complexity / Quantity	Complexity of intervention or sheer number of steps in procedure	Like you already have to go through so many tests when you have that; But I like the way 3 months would be a lot more going on, more stuff.	12
Curiosity / Novelty	Interest in learning about a new health subject or technology, or learning a new skill for better health	And the electrostimulation from what I read seems different; I'm fascinated with the ideas of being about to get rid of the pain.	11
Description Lack of Detail	Study description did not give adequate information about procedures or eligibility	it's not clear what's involved in this study ; Because this doesn't really provide a lot of information	11
Risk	Relative risk of a side effect or risk of no benefit due to randomization	I guess the first one would be more risky because you could be placed in the placebo group	11















































- The agent interface is at least as effective as the conventional interface in helping users find clinical trials.
- Users are significantly more satisfied with the agent interface compared to the standard,
 - despite the fact that it takes significantly longer to perform a standardized search task.











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Interaction Scenario

Mr. King can see that Sally is already there when he arrives: The Current Visitors list shows her name. When he arrives, his name is added and flashes briefly in red, so Sally notices him arrive and greets him with a chat message. He quickly notes that she has already added several new items---a title page (which is displayed by default in the main view) and a slide show. He selects her name in the Visitors list, and then uses Control+I to see what she is viewing. The miniature window titled Slide Show flashes in red, so he figures she must be working on her slides. Leaving her name selected in the list, he uses Control+F to synchronize his view with hers. His main viewing area updates to display the message, "Slide show being modified." PowerPoint then opens to the side, positioned at the slide she is working on. Mr. King's view of the slides is now controlled by Sally; when she moves to a new slide, so does he. He watches and makes suggestions as she refines the slides, using the text chat.

Sally tells Mr. King that several elements in the template are still empty, but that she has developed most of her material and is about to upload it. Because he is still synchronized with her, he is able to watch this process. She selects a template icon, then selects Get File from the Construction menu. A familiar file-browsing dialog box appears, and he watches as she selects the files from her PC and then presses the Upload button. After each upload, the miniaturized window updates and flashes in red briefly.

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Swing Events & Graphics Primitives















L Eve	ent Types
-	
<u>Event</u>	Listener Methods
Action	actionPerformed()
Adjustment	adjustmentValueChanged()
Component	componentHidden(), componentMoved(),
	componentResized(), componentShown()
Container	componentAdded(), componentRemoved()
Focus	focusGained(), focusLost()
Item	itemStateChanged()
Кеу	<pre>keyPressed(), keyReleased(), keyTyped()</pre>
Mouse	MouseListener/MouseAdapter:
	mouseClicked(), mouseEntered(), mouseExited(),
	mousePressed(), mouseReleased()
	MouseMotionListener/MouseMotionAdapter:
	mouseDragged(), mouseMoved()
Tovt	text//alueChanged()





