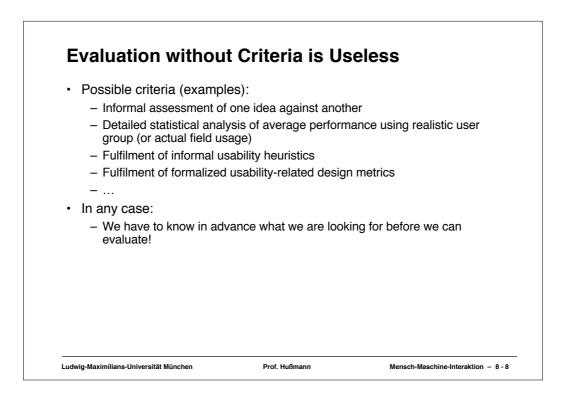
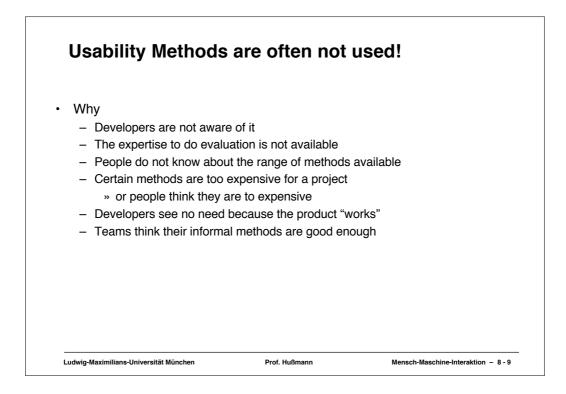
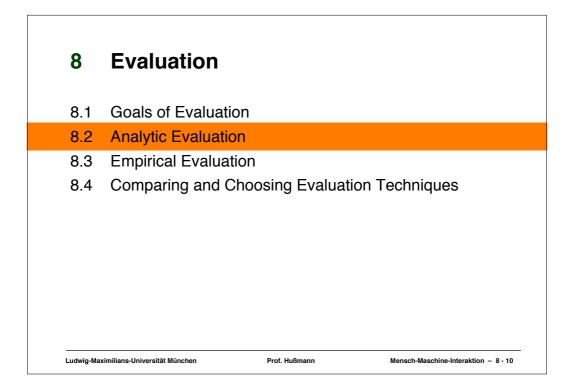
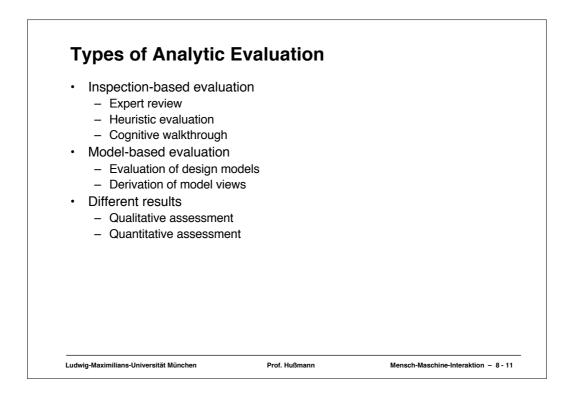


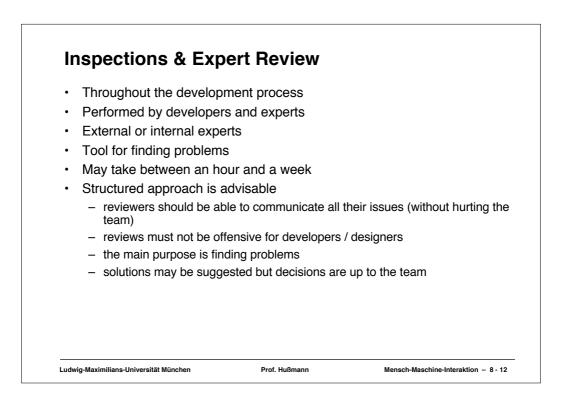
	Formative	Summative
Analytic	<ul> <li>Tools for usability assessment</li> <li>Cognitive walkthroughs</li> </ul>	<ul> <li>Heuristic evaluation</li> <li>Standards complianc evaluation</li> </ul>
Empirical	<ul> <li>User group identification</li> <li>Prototype user study</li> </ul>	<ul><li>Usability lab test</li><li>Field studies</li></ul>

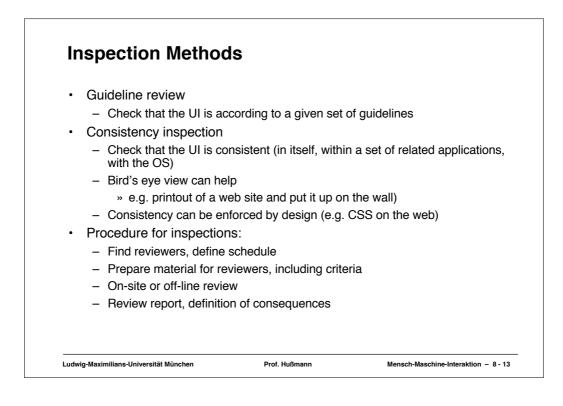


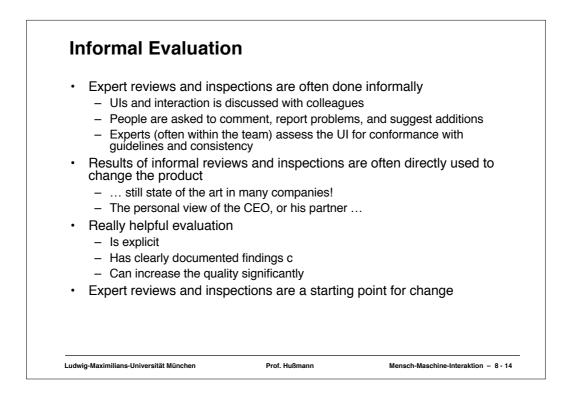


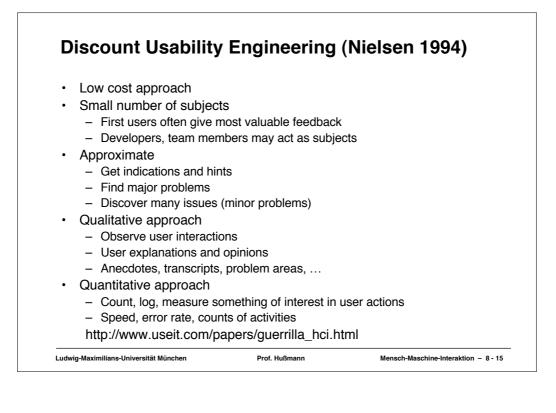


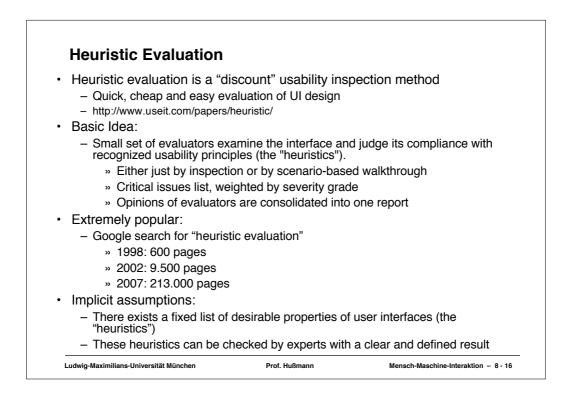


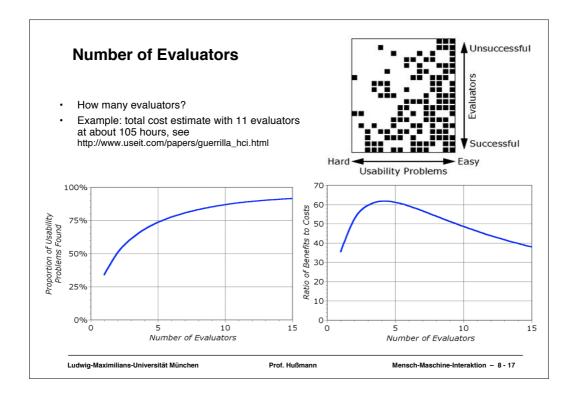


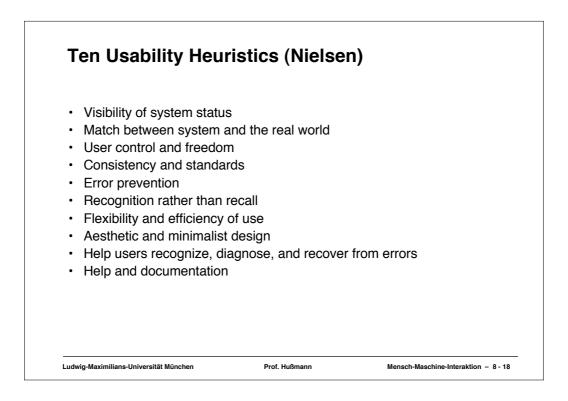






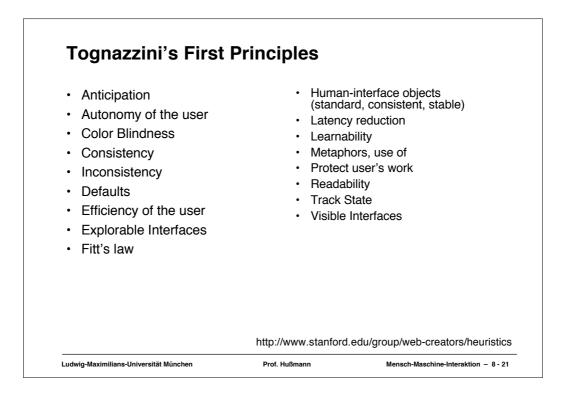


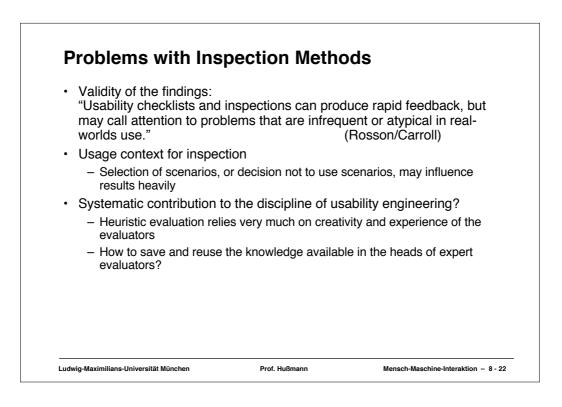


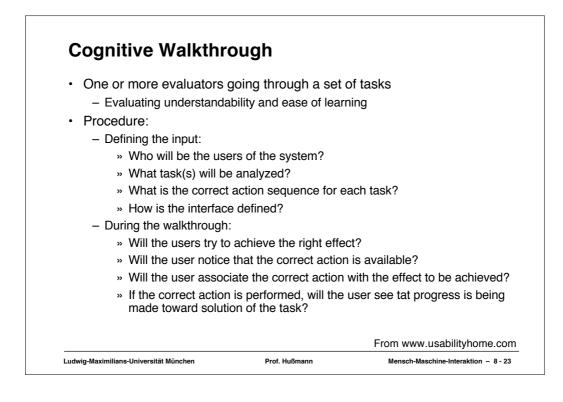


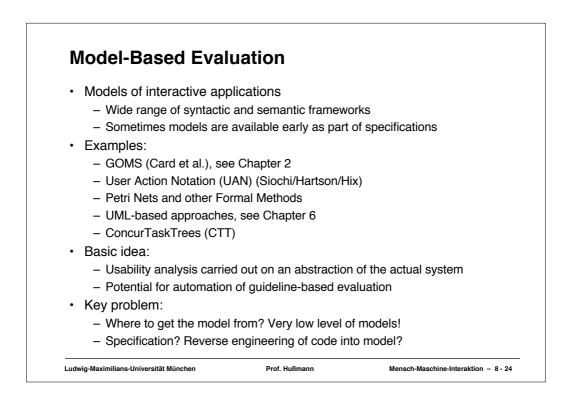
	ility Techniques ristic Evaluation - A System Checklist		
leuri 1. Visi	iese Pierotti, Xerox Corporation http://WWW.StCSig.org/usability/ stic Evaluation - A System Checklist bility of System Status tem should always keep user informed about what is going on, through appropriate feedback within		he-checklist.h
#	Review Checklist	Yes No N/A	Comments
1.1	Does every display begin with a title or header that describes screen contents?	000	
1.2	Is there a consistent icon design scheme and stylistic treatment across the system?	000	
1.3	Is a single, selected icon clearly visible when surrounded by unselected icons?	000	
1.4	Do menu instructions, prompts, and error messages appear in the same place(s) on each menu?	000	
1.5	In multipage data entry screens, is each page labeled to show its relation to others?	000	
1.6	If overtype and insert mode are both available, is there a visible indication of which one the user is in?	000	
1.7	If pop-up windows are used to display error messages, do they allow the user to see the field in error?	000	
1.8	Is there some form of system feedback for every operator action?	000	
1.9	After the user completes an action (or group of actions), does the feedback indicate that the next group of actions can be started?	000	
1.10	Is there visual feedback in menus or dialog boxes about which choices are selectable?	000	

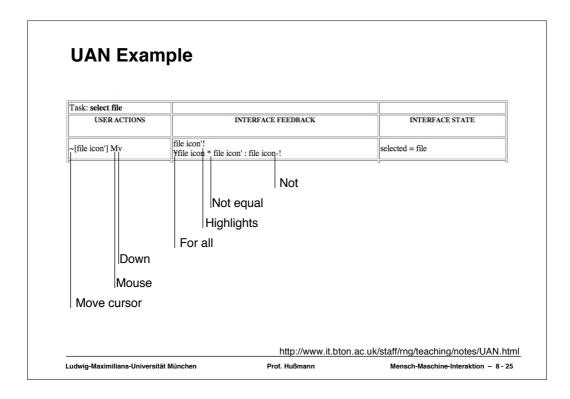
	stem should speak the user's language, with words, phrases and concepts famili tions, making information appear in a natural and logical order.	ar to the user, rath	er than system-orient
#	Review Checklist	Yes No N/A	Comments
2.1	Are icons concrete and familiar?	000	
2.2	Are menu choices ordered in the most logical way, given the user, the item names, and the task variables?	000	
2.3	If there is a natural sequence to menu choices, has it been used?	000	
2.4	Do related and interdependent fields appear on the same screen?	000	
2.5	If shape is used as a visual cue, does it match cultural conventions?	000	
2.6	Do the selected colors correspond to common expectations about color codes?	000	
2.7	When prompts imply a necessary action, are the words in the message consistent with that action?	000	
2.8	Do keystroke references in prompts match actual key names?	000	
2.9	On data entry screens, are tasks described in terminology familiar to users?	000	
2.10	Are field-level prompts provided for data entry screens?		
2.11	For question and answer interfaces, are questions stated in clear, simple language?	000	
2.12	Do menu choices fit logically into categories that have readily understood meanings?	000	
2.13	Are menu titles parallel grammatically?	000	
2.14	Does the command language employ user jargon and avoid computer jargon?	000	

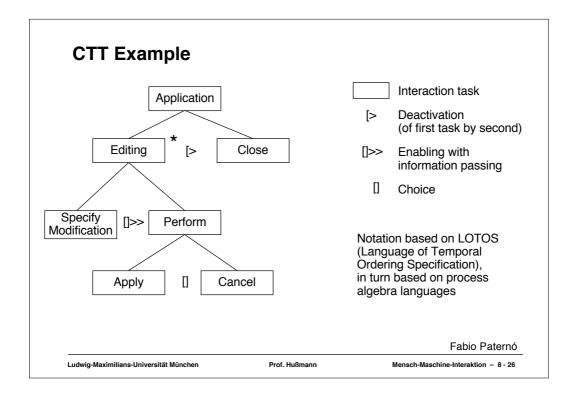


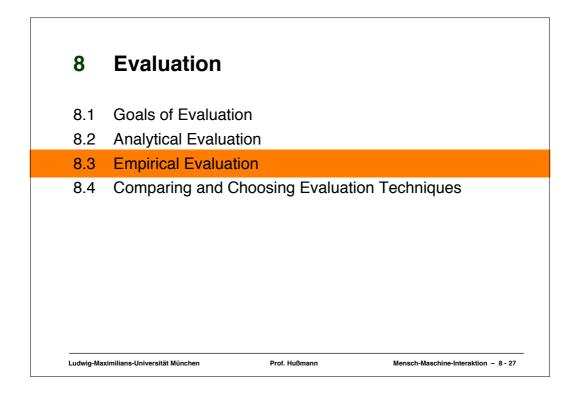


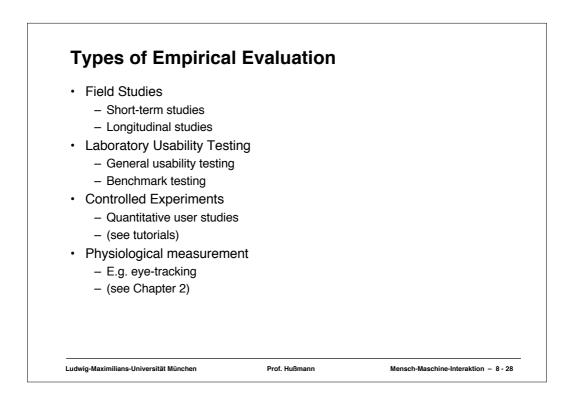


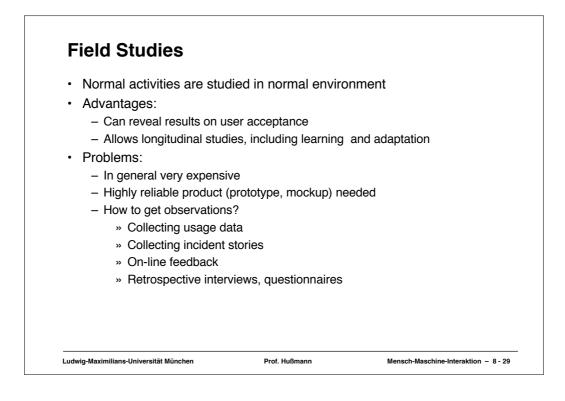


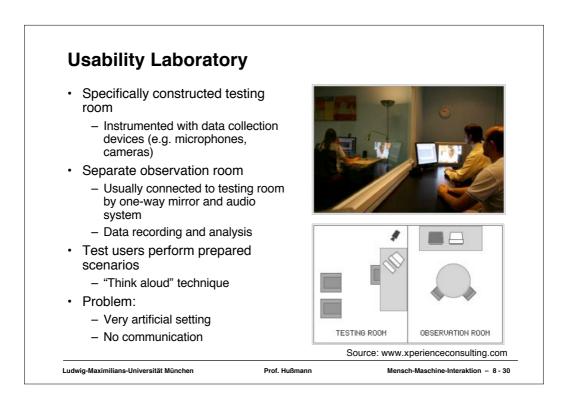


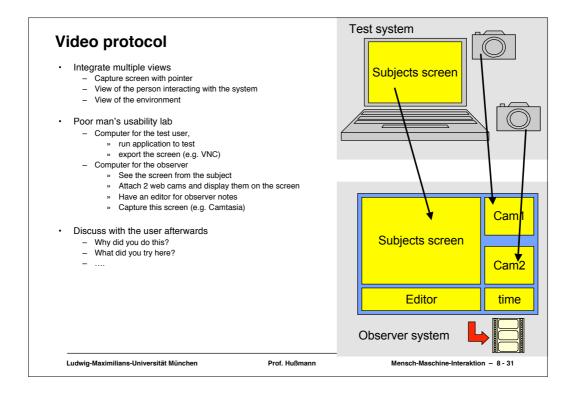




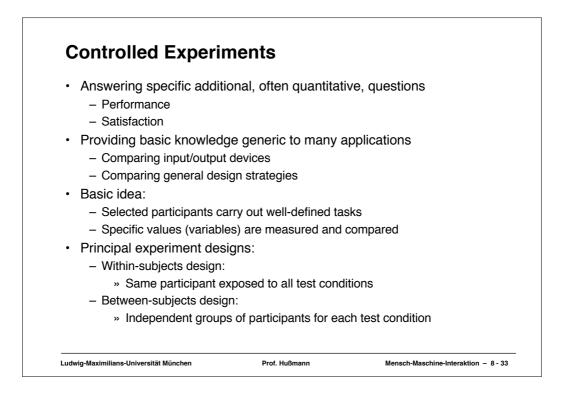


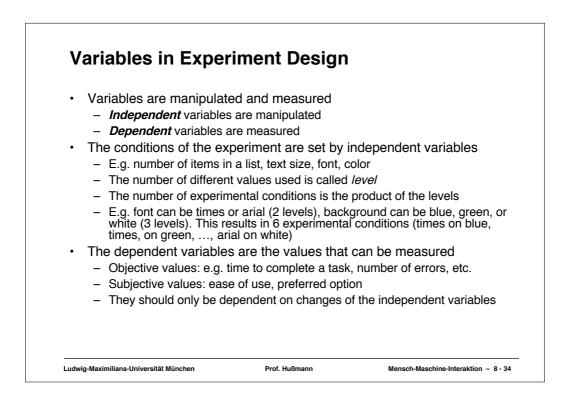


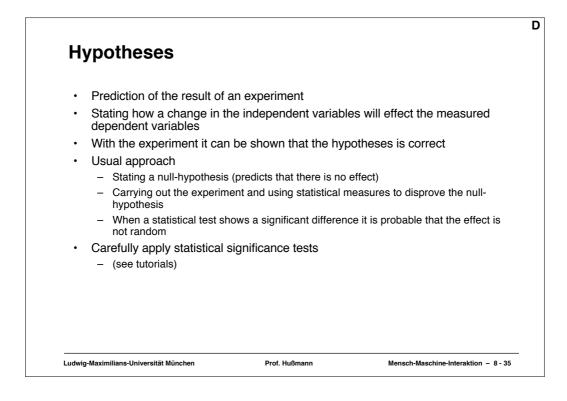


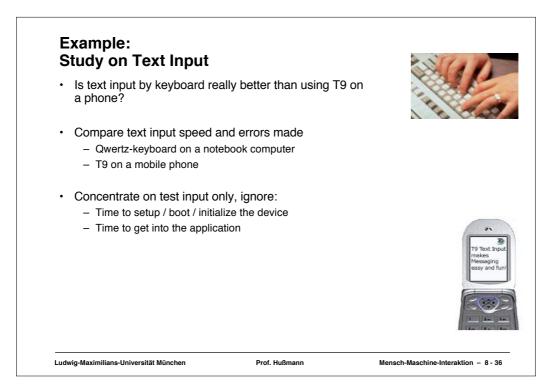


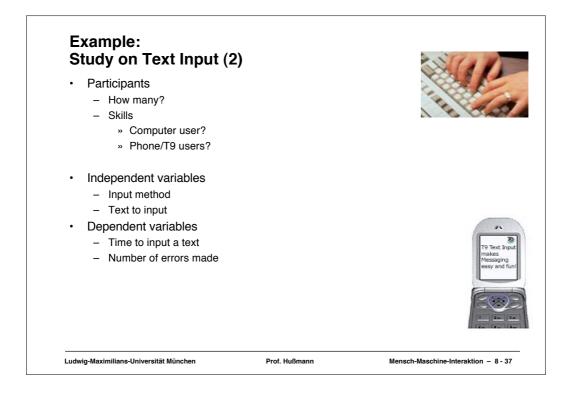
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3 Obserruations & Protocols	Video protocol	Test system		
A control of the control of the     Control of the control of the     Control of the control of the control of the control     Control of the control of the control     Control of the control of the control     Control of the control     Control of the control	•			
<ul> <li>Social Stationary (Originality) Control</li> <li>Core and the destination of the Originality Control</li> <li>Property to get Actions a deep Optimization</li> </ul>	<ul> <li>Integrate multiple views</li> <li>Capture screen with pointer</li> </ul>	Subjects screen		<u>▶/</u>
4 Shuckeel observations	<ul> <li>View of the person interacting with the</li> </ul>			🖉 Unbenannt - Editor 📃 🗖
	<ul> <li>system</li> <li>View of the environment</li> </ul>			Datei Bearbeiten Format 2 Observation started
				12:23:17
The second se	Poor man's usability lab			bla
5 Otsernations and Protocols	<ul> <li>Computer for the test user,</li> <li>run application to test</li> </ul>			bla
5 Observations and Protocols  • Wheneverthere show and Protocols • Wheneverthere show and Protocols • University and a start protocols and a start of the start o	<ul> <li>export the screen (e.g. VNC)</li> </ul>			
Construction of the second secon	<ul> <li>Computer for the observer</li> <li>See the screen from the subject</li> </ul>	La Ca	m1 Inhaltia	
A Mari para cana pang kana da dan ng haran da da da da A mari pang kana pang kana da	<ul> <li>Attach 2 web cams and display them of the screen</li> </ul>	on Subjects screen		
	<ul> <li>Have an editor for observer notes</li> </ul>	Ca	m2	
Portugati estato estato     Portugati estato estato     Portugati estato     Portugati estato     Portugati estato     Portugati estato     Portugati estato     Portugati estato	<ul> <li>Capture this screen (e.g. camtasia)</li> </ul>			
Hereiner and State State     State State     State State     State State     State	<ul> <li>Discuss with the user afterwards</li> </ul>	Editor tin	ne 📃 🛄 🖇	
	<ul> <li>Why did you do this?</li> </ul>			
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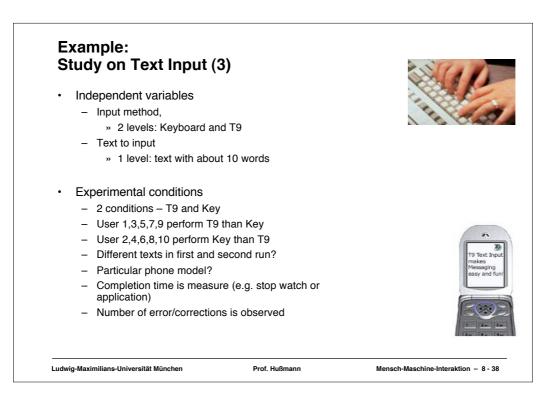


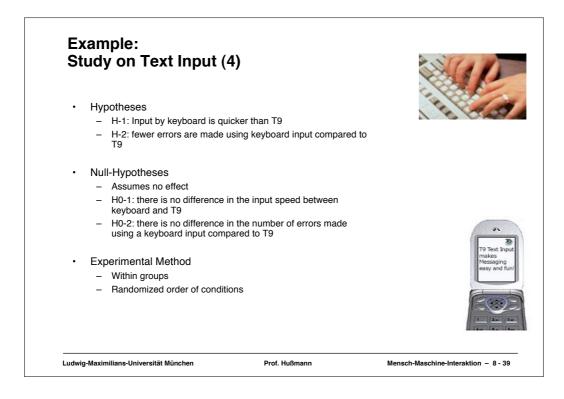


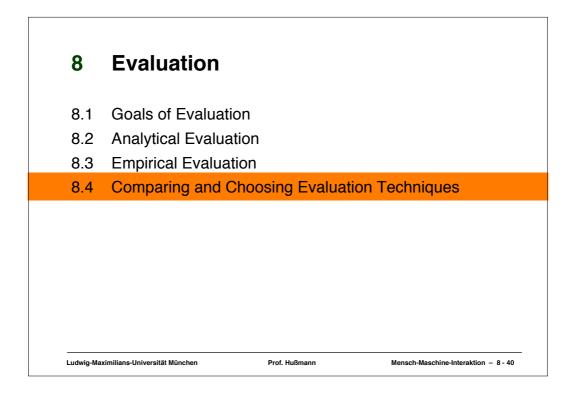












	Cognitive walkthrough	Heuristic evaluation	Review based	Model based
Stage	Throughout	Throughout	Design	Design
Style	Lab	Lab	Lab	Lab
Objective?	No	No	As source	No
Measure	Qualitative	Qualitative	As source	Qualitative
Information	Low level	High level	As source	Low level
Immediacy	N/a	N/a	As source	N/a
Intrusive?	No	No	No	No
Time	Medium	Low	Low-medium	Medium
Equipment	Low	Low	Low	Low
Expertise	High	Medium	Low	High

## Classification of Experimental Evaluation Techniques

	Experiment	Think aloud	Post-task walkthrough	Physiological measurement
Stage	Throughout	Implementn.	Implementn.	Implementn.
Style	Lab	Lab/field	Lab/field	Lab
Objective?	Yes	No	No	Yes
Measure	Quantitative	Qualitative	Qualitative	Quantitative
Information	Low/high level	High/low level	High/low level	Low level
Immediacy	Yes	Yes	No	Yes
Intrusive?	Yes	Yes	No	Yes
Time	High	High	Medium	Medium/high
Equipment	Medium	High	Low	High
Expertise	Medium	High	Medium	High

