

















































































































never		Participants
Gender:3 female and 27 maleEducational level:28 students and 2 assistants with doctoral degreesUse of mobile devices:56.7% regular, 40% sometimes but never owned one, 3. never	30 participants:	
Educational level:28 students and 2 assistants with doctoral degreesUse of mobile devices:56.7% regular, 40% sometimes but never owned one, 3. never	Age:	18–39 years
Use of mobile devices: 56.7% regular, 40% sometimes but never owned one, 3. never	Gender:	3 female and 27 male
never	Educational level:	28 students and 2 assistants with doctoral degrees
Online flight booking: 20% regular, 40% sometimes and 40% never	Use of mobile devices:	56.7% regular, 40% sometimes but never owned one, 3.3 never
	Online flight booking:	20% regular, 40% sometimes and 40% never











Results — Statistical Results (cont.) Table 3. Correlation between the number of errors on a screen and its layout.						
Pearson Corr. Sig. (1-tailed) V-UI av. errors T-UI av. errors						
Errors Screen1 × GUI	0.363	0.002	0	0.23		
Errors Screen2 × GUI	-	-	0	0		
Errors Screen3 × GUI	0.285	0.014	0	0.2		
וווכ כווטו ומנ	e ior v-u	l is signitic	antiv small	er than		
that of T-UI i The null hype	n Screens othesis Nł	s 1 and 3. H _{VT,E} can a	antly small also be reje			
that of T-UI i	n Screens othesis Nł	s 1 and 3. H _{VT,E} can a				







		User Study Design — Participants
•	20 participants:	
	Age:	21—35 years
	Gender:	1 female and 19 male
	Educational level:	Students
	Use of mobile devices:	75% regular, 25% sometimes but never owned one
	Online flight booking:	20% regular, 35% sometimes, 45% never
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				F	Results —	_			
Statistical Results									
CORRELATION BETWEEN ADJUSTED TASK TIME ON A SCREEN AND ITS LAYOUT ON AN IPODTOUCH.									
	Pearson Corr. Sig. (1-tailed) T-UI av. time H-UI av. time								
	Time Screen1 × UI	0.52	0.01	14.23s	29.57s				
	Time Screen2 \times UI	0.12	0.31	8.96s	9.98s				
	Time Screen3 \times UI	0.37	0.05	8.09s	13.34s				
CORRELATION BETWEEN ADJUSTED TASK TIME ON A SCREEN AND ITS LAYOUT ON A MOTOROLA XOOM.									
		Pearson Corr.	Sig. (1-tailed)	T-UI av. time	H-UI av. time				
	Time Screen1 \times UI	-0.56	0.01	13.37s	7.43s				
	Time Screen2 \times UI	-0.17	0.23	7.45s	6.38s				
	Time Screen3 \times UI	-0.66	0.00	8.00s	4.57s				
 Adjusted task time using T-UI is significantly smaller / larger than using H-UI in Screen 1 and Screen 3. 									
The null hypothesis NH _{TH,T} can be rejected for this experiment on both devices.									
Tas	sk times on th	ne tablet	PC were	on avera	ge				
Institute of Computer Technology Smaller than on the iPodTouch. 74									



















