Time on tasks

Time on task (in seconds)														
#			Ttask1			Ttask2			Ttask3			Ttotal		
user	T-order	CE	DM	GGI	diff	DM	GGI	diff	DM	GGI	diff	DM	GGI	diff
1	DM-GGI	0	1023	512	511	1108	345	763	460	265	195	2591	1122	1469
2	GGI-DM	0	863	380	483	686	560	126	692	491	201	2241	1431	810
3	DM-GGI	0	590	510	80	800	280	520	770	286	484	2160	1076	1084
4	GGI-DM	0	185	155	30	597	206	391	508	176	332	1290	537	753
5	DM-GGI	1	425	330	95	690	420	270	420	210	210	1535	960	575
6	GGI-DM	1	280	371	-91	318	487	-169	1075	377	698	1673	1235	438
7	DM-GGI	1	150	135	15	155	220	-65	541	105	436	846	460	386
8	DM-GGI	2	440	182	258	500	336	164	380	168	212	1320	686	634
9	GGI-DM	2	171	218	-47	284	283	1	381	244	137	836	745	91
10	DM-GGI	2	400	350	50	355	165	190	565	205	360	1320	720	600
11	GGI-DM	2	122	120	2	103	207	-104	285	118	167	510	445	65
12	DM-GGI	2	406	150	256	190	303	-113	488	105	383	1084	558	526
13	GGI-DM	2	277	252	25	231	225	6	288	318	-30	796	795	1
14	DM-GGI	3	370	120	250	216	145	71	274	164	110	860	429	431
15	GGI-DM	3	150	165	-15	156	215	-59	254	150	104	560	530	30
16	DM-GGI	3	250	173	77	245	247	-2	405	250	155	900	670	230
17	GGI-DM	3	134	228	-94	182	279	-97	280	203	77	596	710	-114
18	DM-GGI	3	330	205	125	123	205	-82	310	140	170	763	550	213
19	GGI-DM	3	355	150	205	110	255	-145	120	105	15	585	510	75
20	DM-GGI	3	274	138	136	220	136	84	233	203	30	727	477	250
		Median	305	194	79	238	251	4	393	203	183	880	678	409
		Mean	360	242	118	363	276	88	436	214	222	1160	732	427
		SD	236	124	168	276	110	242	219	99	179	605	288	397

Number of errors

# user	T-order	CE	Slight		Moderate		Severe		Total	
			DM	GGI	DM	GGI	DM	GGI	DM	GGI
1	DM-GGI	0	2	0	2	1	1	0	5	1
2	GGI-DM	0	0	0	1	1	2	0	3	1
3	DM-GGI	0	2	0	2	0	3	0	7	0
4	GGI-DM	0	0	0	1	0	0	0	1	0
5	DM-GGI	1	0	0	3	0	3	0	6	0
6	GGI-DM	1	0	0	2	0	1	0	3	0
7	DM-GGI	1	0	0	2	0	0	0	2	0
8	DM-GGI	2	1	0	1	0	1	0	3	0
9	GGI-DM	2	0	0	0	0	0	0	0	0
10	DM-GGI	2	0	0	2	0	0	0	2	0
11	GGI-DM	2	0	0	1	0	0	0	1	0
12	DM-GGI	2	0	0	3	0	1	0	4	0
13	GGI-DM	2	1	0	2	0	0	0	3	0
14	DM-GGI	3	1	0	0	0	0	0	1	0
15	GGI-DM	3	0	1	3	0	0	0	3	1
16	DM-GGI	3	1	0	2	1	0	0	3	1
17	GGI-DM	3	1	0	1	0	0	0	2	0
18	DM-GGI	3	0	0	1	0	0	1	1	1
19	GGI-DM	3	1	0	2	0	0	0	3	0
20	DM-GGI	3	1	0	0	0	0	0	1	0
Median			0	0	2	0	0	0	3	0
Mean			0,55	0,05	1,55	0,15	0,60	0,05	2,70	0,25
SD			0,69	0,22	0,94	0,37	0,99	0,22	1,78	0,44

Post-tests questionnaire

#user	Q1 [1..7]		Q2 [1..7]		Q3 [0..3]*		Q4 [1..5]		Q5 [0,1,2,3]**		Q6 [1..5]		Q7 [1..7]	
	MD	GGI	MD	GGI	MD	GGI	MD	GGI	MD	GGI	MD	GGI	MD	GGI
1	2	4	2	5	3	0	5	2	C+D	A+B+C+D	1	5	2	5
2	3	7	1	7	2	0	3	2	C+D	A+B+C+D	3	3	2	5
3	2	6	2	6	2	0	4	1	C+D	A+B+C+D	3	4	2	6
4	2	7	3	7	2	0	2	1	C+D	A+B+C+D	3	5	5	7
5	3	7	2	5	2	0	4	2	D	A+B+C+D	2	4	3	6
6	4	7	6	6	2	0	2	1	D	A+B+C+D	3	5	3	6
7	4	5	3	7	2	0	2	1	C+D	A+B+C+D	3	5	5	7
8	2	7	2	6	2	0	4	1	C+D	A+B+C+D	2	4	3	6
9	6	6	2	6	2	0	2	1	C+D	A+B+C+D	2	5	3	6
10	3	6	4	6	2	0	1	1	A+B+C+D	A+B+C+D	4	4	5	6
11	5	7	4	6	2	0	5	1	B+C+D	A+B+C+D	5	5	5	6
12	2	6	4	6	2	0	4	2	C+D	A+B+C+D	2	5	3	6
13	5	7	4	7	3	0	4	1	D	A+B+C+D	3	5	5	7
14	1	6	5	6	1	0	3	1	B+C+D	A+B+C+D	4	5	5	6
15	3	7	3	6	2	0	3	1	C+D	A+B+C+D	2	4	3	6
16	3	6	2	6	2	0	4	1	D	A+B+C+D	4	5	4	6
17	2	7	4	6	2	0	2	1	A+B+C+D	A+B+C+D	5	5	5	7
18	3	6	2	7	1	0	5	5	C+D	A+B+C	3	5	5	7
19	5	6	4	6	1	0	4	2	D	A+B+C+D	5	5	4	6
20	5	6	4	6	2	0	2	1	C+D	A+B+C+D	5	5	6	7
Median	3,0	6,0	3,0	6,0	2,0	0,0	3,5	1,0			3,0	5,0	4,0	6,0
Mean	3,3	6,3	3,2	6,2	2,0	0,0	3,3	1,5	(C+D)	(A+B+C+D)	3,2	4,7	3,9	6,2
SD	1,4	0,8	1,3	0,6	0,5	0,0	1,2	0,9			1,2	0,6	1,3	0,6

3

* Range of values for Q3

Grade

0 BOTH of them were EASY

1 WHAT to do

2 HOW to do

3 BOTH of them were HARD

** Items for Q5 (multiple choice)

Grade

0 for one time

1 for very occasional use (once a year)

2 for once a month

3 for daily use

Q_i	Description
Q_1	"Do you consider that the application has helped you in knowing what to do in each step?"
Q_2	"Do you consider that the application has helped you in knowing how to do it? (what you needed to do)"
Q_3	"What was *harder?* [1] knowing *what* to do, [2] knowing *how* to get it done, [0] both easy, or [3] both hard" The scores were chosen according to a range between the best and the worst-case scenarios".
Q_4	"Would you like to have had a more complete *help* system inside the application interface?"
Q_5	"Choose (multiple choice) types of *periodicity* of use you consider the application is appropriate for [A] Just once, - [B] Very rarely (once a year), - [C] Once a month, - [D] Daily"
Q_6	"Would you *use* a similar application for the design of your next kitchen?"
Q_7	"Do you consider that the application has helped you in knowing what to do in each step?"

Comparative questionnaire

#user	C1	C2	C3	C4	C5	C6	C7	C8
1	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
2	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
3	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
4	GGI	GGI	DM	GGI	GGI	GGI	DM	GGI
5	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
6	GGI	GGI	DM	GGI	GGI	DM	DM	GGI
7	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
8	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
9	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
10	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
11	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
12	GGI	GGI	DM	GGI	GGI	DM	DM	GGI
13	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
14	GGI	GGI	DM	GGI	GGI	GGI	DM	GGI
15	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
16	GGI	GGI	DM	GGI	DM	GGI	DM	GGI
17	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
18	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
19	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
20	GGI	GGI	DM	GGI	GGI	GGI	GGI	GGI
GGI	100%	100%	0%	100%	95%	90%	75%	100%
DM	0%	0%	100%	0%	5%	10%	25%	0%

C_i	Description
C_1	"With which interface is it easier to know *what* to do in each moment?"
C_2	"With which interface is it easier to know *what* to do in each moment?"
C_3	"Which interface should include *more help* systems?"
C_4	"Which interface is *easier to use* and requires *less training*?"
C_5	"Which interface lets you work *quicker*?"
C_6	"Which interface would you recommend for a *computer professional occasional use*?"
C_7	"Which interface would you recommend for a *kitchen design professional daily use*?"
C_8	"Which interface would you *choose* for furnishing your kitchen?"