

Presenting social media information on mobile devices using multiple contexts

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Tables

Table 1. *Accumulated Scores for Recommendation Category*

Screen	Screen title	1st choice	2nd choice	3rd choice	Accumulated score
R1	temporal only	1	0	2	3
R2	temporal and identity	1	0	2	3
R3	temporal and location	2	3	3	8
R4	temporal and environment	2	5	4	11
R5	identity only	2	0	1	3
R6	identity and time	2	4	7	13
R7	identity and location	9	7	10	26
R8	identity and environment	3	2	3	8
R9	location only	2	6	13	21
R10	location and time	10	10	9	29
R11	location and identity	14	15	13	42
R12	location and environment	48	16	6	70
R13	environment only	0	3	1	4
R14	environment and time	0	5	7	12
R15	environment and identity	0	3	10	13
R16	environment and location	0	3	10	13

Table 2. *Accumulated Scores for Communication Category*

Screen	Screen title	1 st Choice	2 nd Choice	3 rd Choice	Accumulated score
F1	temporal only	0	0	0	0
F2	temporal and identity	2	1	3	6
F3	temporal and location	2	0	4	6
F4	temporal and environment	0	0	2	2
F5	identity only	1	0	1	2
F6	identity and time	4	1	6	11
F7	identity and location	7	14	14	35
F8	identity and environment	8	11	6	25
F9	location only	0	2	4	6
F10	location and time	7	8	4	19
F11	location and identity	36	27	13	76
F12	location and environment	8	10	11	29
F13	environment only	0	0	3	3
F14	environment and time	3	4	3	10
F15	environment and identity	16	16	15	47
F16	environment and location	7	7	12	26

Table 3. *Accumulated Scores for Planning Category*

Screen	Screen title	1 st Choice	2 nd Choice	3 rd Choice	Accumulated score
E1	temporal only	1	1	1	3
E2	temporal and identity	5	3	3	11
E3	temporal and location	8	4	8	20
E4	temporal and environment	4	1	5	10
E5	identity only	3	1	1	5
E6	identity and time	13	12	13	38
E7	identity and location	9	10	8	27
E8	identity and environment	3	5	7	15
E9	location only	0	2	4	6
E10	location and time	17	10	14	41
E11	location and identity	10	18	9	37
E12	location and environment	11	8	13	32
E13	environment only	1	1	0	2
E14	environment and time	8	13	6	27
E15	environment and identity	4	7	5	16
E16	environment and location	4	5	4	13

Table 4. *Accumulated Scores for Sharing Category*

Screen	Screen title	1 st Choice	2 nd Choice	3 rd Choice	Accumulated score
S1	temporal only	0	0	0	0
S2	temporal and identity	1	3	2	6
S3	temporal and location	1	0	3	4
S4	temporal and environment	2	0	1	3
S5	identity only	1	2	3	6
S6	identity and time	10	6	9	25
S7	identity and location	11	14	10	35
S8	identity and environment	6	8	12	26
S9	location only	1	1	6	8
S10	location and time	7	1	5	13
S11	location and identity	14	13	11	38
S12	location and environment	10	9	9	28
S13	environment only	5	1	1	7
S14	environment and time	3	9	8	20
S15	environment and identity	18	15	11	44
S16	environment and location	11	19	10	40

Table 5. *Organizing Social Media Information in the Recommendation Category*

	Organizing of social media information in the Recommendation category by context types			
	First layer	Second layer	Third layer	Fourth layer
First choice	location	environment	identity	temporal
Screen number	R12 (location & environment) Score: 70		R11 (location & identity) Score: 42	R10 (location & temporal) Score: 29
Second choice	identity	location	temporal	environment
Screen number	R7 (identity & location) Score: 26		R6 (identity & temporal) Score: 13	R8 (identity & environment) Score: 8
Third choice	environment	location	identity	temporal
Screen number	R16 (environment & location) Score: 13		R15 (environment & identity) Score: 13	R14 (environment & temporal) Score: 12
Fourth choice	temporal	environment	location	identity
Screen number	R4 (temporal & environment) Score: 11		R3 (temporal & location) Score: 8	R2 (temporal & identity) Score: 3

Table 6. *Organizing Social Media Information in the Planning Category*

	Organizing of social media information in the Planning category by context types			
	First layer	Second layer	Third layer	Fourth layer
First choice	location	temporal	identity	environment
Screen number	E10 (location & temporal) Score: 41		E11 (location & identity) Score: 37	E12 (location & environment) Score: 32
Second choice	identity	temporal	location	environment
Screen number	E6 (identity & temporal) Score: 38		E7 (identity & location) Score: 27	E8 (identity & environment) Score: 15
Third choice	environment	temporal	identity	location
Screen number	E14 (environment & temporal) Score: 27		E15 (environment & identity) Score: 16	E16 (environment & location) Score: 13
Fourth choice	temporal	location	identity	environment
Screen number	E3 (temporal & location) Score: 20		E2 (temporal & identity) Score: 11	E4 (temporal & environment) Score: 10

Table 7. *Organizing Social Media Information in the Communication Category*

Organizing of social media information in the Communication category by context types				
	First layer	Second layer	Third layer	Fourth layer
First choice	location	identity	environment	temporal
Screen number	F11 (location & identity) Score: 76		F12 (location & environment) Score: 29	F10 (location & temporal) Score: 19
Second choice	environment	identity	location	temporal
Screen number	F15 (environment & identity) Score: 47		F16 (environment & location) Score: 26	F14 (environment & temporal) Score: 10
Third choice	identity	location	environment	temporal
Screen number	F7 (identity & location) Score: 35		F8 (identity & environment) Score: 26	F6 (identity & temporal) Score: 6
Fourth choice	temporal	location	identity	environment
Screen number	F3 (temporal & location) Score: 6		F2 (temporal & identity) Score: 6	F4 (temporal & environment) Score: 2

Table 8. *Organizing Social Media Information in the Sharing Category*

Organizing of social media information in the Sharing category by context types				
	First layer	Second layer	Third layer	Fourth layer
First choice	environment	identity	location	temporal
Screen number	S15 (environment & identity) Score: 44		S16 (environment & location)	S14 (environment & temporal)
Second choice	location	identity	environment	temporal
Screen number	S11 (location & identity) Score: 38		S12 (location & environment)	S10 (location & temporal)
Third choice	identity	location	environment	temporal
Screen number	S7 (identity & location) Score: 35		S8 (identity & environment) Score: 26	S6 (identity & temporal) Score: 25
Fourth choice	temporal	identity	location	environment
Screen number	S2 (temporal & identity) Score: 6		S3 (temporal & location) Score: 4	S4 (temporal & environment) Score: 3