

Paving the way to collaborative context-aware mobile applications: a case study on preventing worsening of allergy symptoms: Survey Results

Postal code	Age	Gender	How competent are you with new technologies?	Question 1. I think I would like to use this system frequently.	Question 2. I found the system unnecessarily complex.	Question 3. I thought the system was easy to use	Question 4. I think I would need the support of a technical person to be able to use this system	Question 5. I found the various functions in this system were well integrated	Question 6. I thought there was too much inconsistency in this system	Question 7. I would imagine that most people would learn to use this system very quickly	Question 8. I found the system very cumbersome to use.	Question 9. I felt very confident using the system	Question 10. I needed to learn a lot of things before I could get going with this system	SUS (all questions)	Factor 1 (1,2,3,5,6,7,8,9)	Factor 2 (4,10)
11010	35	Male	5	4	1	3	1	5	2	4	1	5	1	87,5	84,4	100,0
06800	53	Male	3	3	2	4	1	4	1	5	1	3	1	82,5	78,1	100,0
11500	43	Fem.	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11500	47	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11004	23	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11004	54	Fem.	1	5	1	4	2	5	1	4	1	5	2	90,0	93,8	75,0
11100	27	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11004	56	Male	3	5	1	4	1	5	1	4	1	5	2	92,5	93,8	87,5
11004	68	Fem.	4	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37120	20	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37120	25	Fem.	4	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11510	19	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11007	46	Fem.	2	5	2	4	1	5	1	5	1	5	2	92,5	93,8	87,5
11130	33	Male	4	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11405	62	Fem.	1	5	2	4	1	5	1	4	1	4	2	87,5	87,5	87,5
11001	17	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37001	21	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
23740	23	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37005	20	Fem.	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
41003	29	Fem.	4	5	1	4	1	5	1	5	1	5	1	97,5	96,9	100,0
37120	59	Fem.	4	5	1	4	1	5	1	5	1	5	1	97,5	96,9	100,0
11004	53	Fem.	3	5	2	4	2	5	1	5	1	5	2	90,0	93,8	75,0
37184	21	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11610	60	Fem.	1	5	3	3	3	4	2	3	1	4	3	67,5	71,9	50,0
23740	22	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11100	25	Fem.	4	4	1	5	1	5	1	5	1	5	1	97,5	96,9	100,0
11005	42	Fem.	4	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37120	61	Male	4	4	1	5	1	5	1	5	1	5	1	97,5	96,9	100,0
11003	24	Fem.	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11012	36	Fem.	4	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0

11610	65	Male	3	3	2	4	2	4	1	5	1	4	2	80,0	81,3	75,0
11130	30	Fem.	4	4	1	5	1	5	1	5	1	5	1	97,5	96,9	100,0
37006	24	Fem.	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11404	21	Fem.	5	4	1	5	1	5	1	5	1	5	1	97,5	96,9	100,0
11004	19	Fem.	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
11002	20	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0
37007	23	Male	5	4	1	5	1	5	1	5	1	5	1	97,5	96,9	100,0
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11004	17	Male	5	5	1	5	1	5	1	5	1	5	1	100,0	100,0	100,0

Mean 4,07 4,67 1,19 4,64 1,14 4,93 1,05 4,86 1 4,83 1,21

Participants (n)	42
Mean - SUS Index	95,8
Standard Deviation	7,06
85% CI (Confidence Interval) Upper Limit	97,4
85% CI (Confidence Interval) Lower Limit	94,26
Sauro & Lewis Grade	A to A+

Two Factor	n	Mean	Std Dev	85CILL	85CIUL	Grade
SUS	42	95,8	7,063878112	94,26376205	97,40290461	A+
Usable	42	95,9	6,70905942	94,4170064	97,39846979	A+
Learnable	42	95,5	10,62865022	93,17406196	95,53571429	A+

Question 11. When the allergy season strikes...	Question 12. The most interesting features of AergiApp are:	Question 13. For future improvements, you consider it critical...
They always end up affecting me because I cannot predict them.	Information about pollen levels., Alerts about increasing pollen concentrations in my area., Frequent symptoms alerts from users with the same allergies as me.	To include information about pollen from more cities., To include a section with graphs of the most reported symptoms, alerts received, pollen levels, etc., To add an option to filter alerts and symptoms based on different criteria.
I get information about pollen levels from other existent resources so I can act before they affect me.	Alerts about increasing pollen concentrations in my area., Information about each pollen type., Allowing me to keep track of my allergy outbreaks	To include information about pollen from more cities., To include a section with graphs of the most reported symptoms, alerts received, pollen levels, etc., Generation of reports about the reported symptoms.
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4	5	5	5
5	5	5	5
5	5	5	5
5	5	5	5
5	5	5	5
5	5	5	5
5	5	5	5
5	5	5	5

Mean	4,83	4,95	4,88	4,88
Standard Deviation	0,44	0,31	0,4	0,45
85% CI (Confidence Interval) Upper Limit	4,83	4,95	4,88	4,88
85% CI (Confidence Interval) Lower Limit	4,83	4,95	4,88	4,88