

M-Health App for Tracking COVID-19 Infected People: A Case Study of Developing Countries

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Appendix A Survey questionnaire for the Study.

The participants were asked to answer the statements using five-point Likert scale questions with answer choices ranging from (1) "strongly disagree" to (5) "strongly agree".

Construct	Item	Statement
Performance expectancy	PE1	If I use the Aman application, I will increase my chances of getting a better grade to protecting my health.
	PE2	I would find the Aman application useful in my life.
	PE3	Using the Aman application would increase my effectiveness in life.
Effort expectancy	EE1	All contents of the Aman application are easy to read and understand.
	EE2	Aman application clear and understandable.
	EE3	The Aman application content is useful.
Facilitating conditions	FC1	The application provides the possibility to contact someone for assistance.
	FC2	I have the knowledge to use an Aman application.
	FC3	The app is flexible to interact with.
	FC4	A person (or group) of people is available to help me face the difficulties that I have encountered while I use Aman application.
Social influence	SI1	My friends and family push me to use an Aman application.
	SI2	My friends and family use the Aman application.
	SI3	Using the Aman application indicates that I am in higher status than those who are not.
Perceived credibility	PC1	I think I will not run into security problems like hacking and viruses if I use the Aman application.
Perceived financial cost.	PC2	I think the Aman application environment is safe
	PFC1	Aman application that does not require training on it.
	PFC2	The Aman application setup does not charge me a lot of money because I have all the necessary resources to use the application.
Perceived self-efficacy.	PSE1	It is easy for me to use the Aman application.
	PSE2	I am sure that I can use the Aman application.
	PSE3	Running the Aman app is easy for me.
Aman application quality.	Q1	The Aman application is Always available.
	Q2	Aman application that looks attractive and uses fonts and colors correctly.
	Q3	The Aman application can detect the disease early.
	Q4	Aman application provides accurate results.
	Q5	The content of an Aman application is useful, and it is updated regularly.
Behavior Intention	BI1	I am planning to use an Aman application in the future.
	BI2	If I get the opportunity, I expect to use the application
	BI3	I best use of Aman application.
	BI4	I intend to use Aman application.

Appendix B Individual item loading of the constructs.

Variables	Individual item	Item loading
Effort expectancy	EE1	0.596
	EE2	0.517
	EE3	0.483
Performance expectancy	PE1	0.626
	PE2	0.562
	PE3	0.594
Facilitating condition	FC1	0.472
	FC2	0.514
	FC3	0.450
Social influence	FC4	0.517
	SI1	0.528
	SI2	0.463
Perceived credibility	SI3	0.543
	PC1	0.487
	PC2	0.615
Perceived financial cost.	PFC1	0.474
	PFC2	0.514
Perceived self-efficacy.	PSE1	0.520
	PSE2	0.597
	PSE3	0.591
Aman application quality.	Q1	0.567
	Q2	0.572
	Q3	0.551
Behavior Intention	Q4	0.527
	Q5	0.690
	BI1	0.914
	BI2	0.935
	BI3	0.897
	BI4	0.913