## Survey Questionnaire for Shopping Cart System (SCS)

1. I lease provide	the same ID	that you generated	d for the pret	est survey		
<sup>r</sup> 2. I am familiar w	ith blockchair moderately	and smart contrac	cts.			
strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree
strongly disagree	9	0,0		3 7 3		3, 3
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After completing the pretest survey and testing the first part of the system, you may now complete this questionnaire. If you want to see the video on how to use the first part of the system, please click this video link (please watch it with HD quality in full-screen mode).

Summary of the video: The proposed system enables customers to leverage the opportunity to receive features provided by the blockchain and smart contract technologies. They can obtain the provenance of every transaction, share their data as per their preferences and receive incentives for sharing it.

## Blockchain and smart contracts based system can support users in the following ways:

- (1) Allow the users to specify the purposes of data sharing, which kinds of data that can be shared, and which applications or institutions can access the data;
- (2) Give the users full transparency over who accesses their data, when and for what purpose;
- (3) Provide an incentive to users for sharing their data (in terms of payment for the use of the data by applications, as specified by the contracts).

Furthermore, the second part of the system (which is not shown here) allows companies such as Online Shopping-Cart Enterprise to share user data among other companies in their consortium network via blockchain that incentivizes every customer with micro-payment for the use of their data.

Please answer the following questions to evaluate the first part of the proposed framework which is an example use case of the user-controlled privacy-preserving user data sharing framework based on blockchains and smart contracts.

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	moderately					
strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree

\* 3 Learning to operate this system is easy

4. I find it easy to	get this syste	em to do what I wa	nt it to do.			
strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agre
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5. My interaction	-	em is clear and und	derstandable			
strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agre
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10. Using this sys	stem would in	crease productivity	v in online tra	nsaction with mo	ore control over p	rivacy.
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	strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
*	* 12. Using this system would make it easier for me to set data sharing preferences.									
		moderately	e tar e	***	P. 1.0					
	strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
*	* 13. Using this system would make it easier for me to receive incentives for sharing my data.									
	strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
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*	14. I find this syst	em useful for	setting my data sh	aring prefere	ences.					
		moderately			e					
	strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
*	15. I am satisfied	with how the								
		with now the	system lets me set	t the data sha	aring preference	S.				
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\* 11. Using this system would increase effectiveness in privacy policy formulation.

* 18. I am satisfied with how the system gives incentives for sharing data.								
strongly disagree	moderately e disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree		
* 19. I would like	e to use this syst	em to set data sha	ring preferer	ices.				
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* 20. I would like	e to use this syste	em to receive ince	ntives for sha	aring my data.				
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* 21. I would en	joy using this sys	tem when I need t	o use it.					
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26. I believe that	the information	on I provide will be	stored secur	ely.		
	moderately					
strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree
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system.	only legitimat	e organizations ca	n view the ini	formation i provi	de to the blockch	ain-based
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28. I believe that	this blockcha	in-based system is	trustworthy.			
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* 3	* 32. This system protects my privacy.								
	strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree		
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,	strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree		
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	strongly disagree	disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree		
* 3	6. I can trust this	s system.							
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	strongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree		
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* 38	* 38. I am aware of the exact nature of the information that will be collected during the use of this system.									
s	trongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
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* 41	L. I believe that ι	using the bloo	ckchain-based syst	em would be	e beneficial for m	e.				
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* 43	3. It would be go		use the blockchain	-based syste	em.					
s	trongly disagree	moderately disagree	slightly disagree	neither	slightly agree	moderately agree	strongly agree			
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* 44	44. Do you have any other comments, questions, or concerns?									