Survey Questionnaire for Shopping Cart System (SCS)

* 1. Please provide the same ID that you generated for the pretest survey

[   ]

* 2. I am familiar with blockchain and smart contracts.

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

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.

* 3. Learning to operate this system is easy.

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

* 4. I find it easy to get this system to do what I want it to do.

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

* 5. My interaction with this system is clear and understandable.

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

* 6. I find this system to be flexible to interact with.

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

* 7. I feel it is easy to become skillful at using this system.

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

* 8. I find this system easy to use.

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

* 9. Using this system would improve performance in online transaction with transparency over privacy.

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

* 10. Using this system would increase productivity in online transaction with more control over privacy.

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

* 11. Using this system would increase effectiveness in privacy policy formulation.

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.

strongly disagree	moderately 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
○	○	○	○	○	○	○

* 14. I find this system useful for setting my data sharing preferences.

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

* 15. I am satisfied with how the system lets me set the data sharing preferences.

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

* 16. I am satisfied with how the system can create proof of data sharing choices.

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

* 17. I am satisfied with how the system lets me decide how to share data with different companies/applications.

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

* 18. I am satisfied with how the system gives incentives for sharing data.

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

* 19. I would like to use this system to set data sharing preferences.

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

* 20. I would like to use this system to receive incentives for sharing my data.

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

* 21. I would enjoy using this system when I need to use it.

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

* 22. It is worthwhile to use this system to set data sharing preferences.

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

* 23. I will use this system to decide how my data is shared.

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

* 24. I intend to use this system to share data and receive incentives for sharing it.

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

* 25. I believe appropriate processes will handle the information I provide with blockchain.

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

* 26. I believe that the information I provide will be stored securely.

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

* 27. I believe that only legitimate organizations can view the information I provide to the blockchain-based system.

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

* 28. I believe that this blockchain-based system is trustworthy.

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

* 29. This system can be relied on to keep its promises.

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

* 30. This system is dependable.

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

* 31. This system has integrity.

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

* 32. This system protects my privacy.

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

* 33. This system secures my information.

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

* 34. I am familiar with this system.

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

* 35. I am confident in this system.

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

* 36. I can trust this system.

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

* 37. I am aware of which organizations collect information I provide during the use of this system.

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

* 38. I am aware of the exact nature of the information that will be collected during the use of this system.

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

* 39. I believe that the information I put on this system can not be misused.

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

* 40. I believe that the blockchain accounts that I use on this system can not be intercepted by someone else.

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

* 41. I believe that using the blockchain-based system would be beneficial for me.

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

* 42. In my opinion, it would be desirable for me to use the blockchain-based system.

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

* 43. It would be good for me to use the blockchain-based system.

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

* 44. Do you have any other comments, questions, or concerns?