Survey - A

1.General Information:

Age: _____

Id: _____

Test Group: __

Overall time: _____

Educational level: _____

Current job: _____

2.IT Knowledge:

Score the questions between 1 and 5 indicating the knowledge level where 1=poor, 2=fair, 3=average, 4=good, and 5=excellent:

Programming experience	
Time spent in programming-related activities	
Experience in blockchain topics (i.e., smart contract, Solidity programming)	

3. SmartVT Task:

Report in each slot the time spent to accomplish the task using SmartVT on smart contracts of group1:

	Time	Answer
1. Find the most called function in the contract "contract21.sol"		
2. How many times is the function "_approve()" called? From which function?		

3. By evaluating the number of lines of code and functions, identify the most and the least complex smart contracts from group 2		
4. Identify the contract that differs from the others, based on its purpose/use		
5. Identify the smart contract that has the longest and the shortest functions that requires gas to be paid among the smart contracts of group 2.		
6. Identify the function that requires the highest amount of gas to be paied in order to run it among the smart contract of group 2. To which smart contract does it belong?		

4.SmartVT evaluation:

Score the questions between 1 and 20 where 1=low and 20=high:

Experience	Description	Score
Mental demand	How much mental and perceptual activity was required (e.g. thinking, deciding, calculating, remembering, looking, searching, etc)? Was the task easy or demanding, simple or complex, exacting or forgiving?	
Physical demand	How much physical activity was required (e.g. pushing, pulling, turning, controlling, activating, etc)? Was the task easy or demanding, slow or brisk, slack or trenuous, restful or laborious?	
Temporal demand	How much time pressure did you feel due to the rate of pace at which the tasks or task elements occurred? Was the pace slow and leisurely or rapid and frantic?	
Performance	How successful do you think you were in accomplishing the goals of the task set by the experimenter (or yourself)? How satisfied were you with your performance in accomplishing these goals?	
Effort	How hard did you have to work (mentally and physically) to accomplish your level of performance?	
Frustration	How insecure, discouraged, irritated, stressed and annoyed versus secure, gratified, content, relaxed and complacent did you feel during the task?	

5. Remix Task:

Report in each slot the time spent to accomplish the task using RemixIDE on smart contracts of group2:

	Time	Answer
1. Find the most called function in the contract "contract21.sol"		
2. How many times is the function "_approve()" called? From which function?		
3. By evaluating the number of lines of code and functions, identify the most and the least complex smart contracts from group 2		
4. Identify the contract that differs from the others, based on its purpose/use		
5. Identify the smart contract that has the longest and the shortest functions that requires gas to be paid among the smart contracts of group 2.		
6. Identify the function that requires the highest amount of gas to be paied in order to run it among the smart contract of group2. To which smart contract does it belong?		

6. Remix evaluation:

Score the questions between 1 and 20 where 1=low and 20=high:

Experience	Description	Score
Mental demand	How much mental and perceptual activity was required (e.g. thinking, deciding, calculating, remembering, looking, searching, etc)? Was the task easy or demanding, simple or complex, exacting or forgiving?	
Physical demand	How much physical activity was required (e.g. pushing, pulling, turning, controlling, activating, etc)? Was the task easy or demanding, slow or brisk, slack or trenuous, restful or laborious?	
Temporal demand	How much time pressure did you feel due to the rate of pace at which the tasks or task elements occurred? Was the pace slow and leisurely or rapid and frantic?	
Performance	How successful do you think you were in accomplishing the goals of the task set by the experimenter (or yourself)? How satisfied were	

you with your performance in accomplishing these goals?

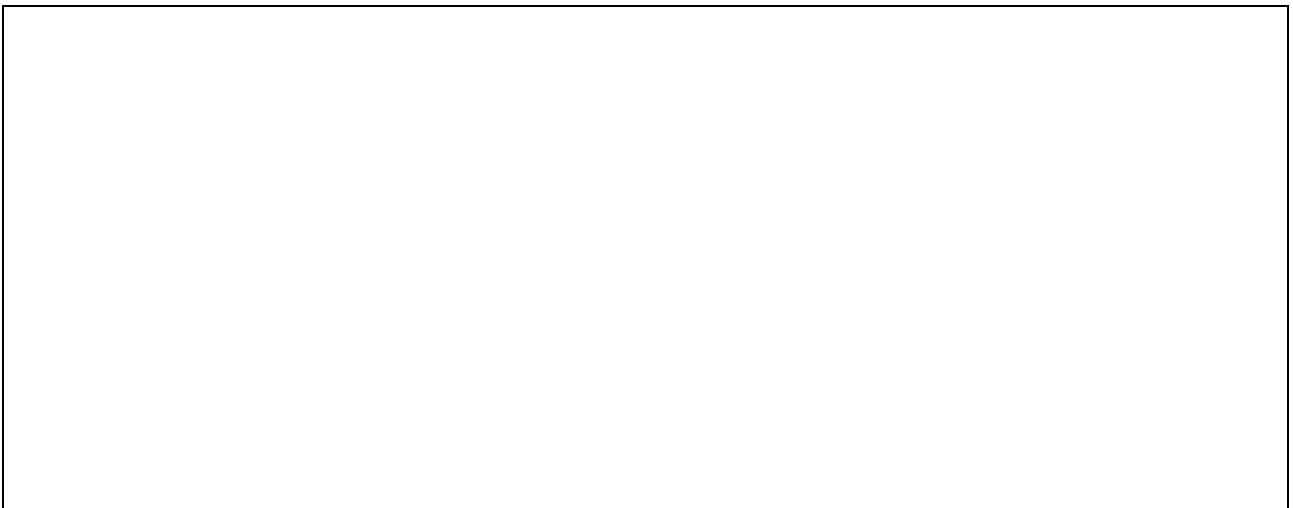Effort   How hard did you have to work (mentally and physically) to accomplish your level of performance?

Frustration   How insecure, discouraged, irritated, stressed and annoyed versus secure, gratified, content, relaxed and complacent did you feel during the task?

7 User Feedback

If you want to improve of modify something in SmartVT functioning, please fill the box below:

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If you have found any difficulties in using the tool please fill in the space below: