Formal verification of Balancer

Milestone 1: translation	Translate the Solidity code of Balancer to the proof system Coq	**Total Costs**	$10,000.00	**Est completion date**	4th week of January
Milestone 2: specification	Specify the smart contracts starting from what is given in the tests	**Total Costs**	$10,000.00	**Est completion date**	2nd week of February
Milestone 3: verification	Formally verifiy all the smart contracts	**Total Costs**	$10,000.00	**Est completion date**	4th week of February

✔ = deliverable complete

#	TASK	BUDGET	TASK OWNER	January 1/16 to 1/31	February 2/1 to 2/28			
1	**Milestone #1**	**$10,000.00**						
1.1	Translation to the proof system Coq of all the Solidity smart contracts in the project https://github.com/balancer-labs/balancer-v2-mo	$10,000.00 Guillaume Claret						
2	**Milestone #2**	**$10,000.00**						
2.1	Expression in the proof system of a specification for all the Solidity smart contracts, by taking and generalizing what is already in the tests	$10,000.00 Guillaume Claret						
3	**Milestone #2**	**$10,000.00**						
3.1	Formal verification of all the specifications in Coq	$10,000.00 Guillaume Claret						
	Total	**$30,000.00**						