

Effort Estimation Sheet

Task Name		Transfer TSD token to the right wallet once the validation is completed	
Pivotal Tracker Link		https://www.pivotaltracker.com/n/projects/2548781/stories/182023296	
Sl. No	Task	Estimate (hours)	Remarks
1	Analyse/Understand TrueSight DAP Whitepaper	2	The team shall go through 38 pages of the white paper and ask queries, where necessary
2	Identify gaps in the existing source code in TrueSight repository (1 to 3 in protocol flow) compared to the white paper	6	1.Team got a confirmation that NFT functionality is totally out of scope 2. Prediction records shall be added to the smart contracts in the form of JSON files
3	Research on Pyth Network	3	The team shall understand the Pyth network in detail to get the Oracle information and test the predictions
4	Setup development environment & check connectivity/access to Pyth (Devnet & Testnet) and Solana (Devnet & Testnet), etc.	4	1. Create test wallets 2. Get test tokens from TrueSight DAO
5	Running the project locally and testing the code end to end. (1st, 2nd and 3rd steps) on local env.	8	1. Team shall create test clients and simulate upto 6 Analysts adding prediction records 2. All 6 analysts shall transfer test DAO tokens from their wallets to prediction wallet 3. The smart contracts shall check against Pyth network to determine the closest prediction and identify the correct prediction
6	Develop Smart Contracts for step 4 of the protocol flow	11	The smart contract shall transfer the proper amount of TSD tokens to the right wallets once the prediction record has been validated
7	Develop unit test cases for the steps 3 & 4 in the protocol flow Analyze existing unit test case for steps 1 & 2	6	1. We noted that unit test cases for Steps 1 & 2 are already available 2. The team shall check the completeness and accuracy of the test cases for Steps 1 & 2
8	Perform regression tests on the full protocol flow (1 to 4)	5	Team shall execute end to end test cases to verify all the smart contracts and the full end to end flow
9	UAT test support	3	Post completion of the full flow, team shall be available for UAT sign off and testing
Total Hours		48	
Rate/Hour in USD		150	
Total Estimated cost (in USD)		7200	

Terms & Conditions

1. Payment shall be paid in USDT
2. Weekly timesheets shall be sent on Saturday evening and request you to pay us every Sunday morning (in Dubai time)