Asset Tokenization

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Estella Yeung Project Lead

About

- My name is Estella Yeung
- I am a CPA with 22 years experience in financial system design and implementation
- I have just finished the Blockchain Development program at George Brown College
- My knowledge in blockchain technology has allowed me to propose getting the equity out of personal real estate, through Asset Tokenization

What is Asset Tokenization

- It is the creation of fractional ownership on an asset through blockchain-based tokens
- Similar to reverse mortgage, but much simpler and cheaper to administer

How Asset Tokenization Benefits

- Tokenized fractional home ownership can be traded on exchanges
- Much cheaper than reverse mortgage
- The transaction record on the blockchain is immutable
- Settlement is fast

Features That Support Tokenization

- User friendly App
- Linkage to
 - MPAC for the latest assessment value
 - Appraisal Services for the latest appraisal value
 - KYC service provider for user identity and security check
- Harmonized valuation to ensure fair value
- An upper limit of not more than 40% of the property value
- User to determine the percentage tokenization within the limit

Implementation Roadmap

High Effort Medium Effort Low Effort	Year 1			
Initiative - Impact H, M, L	April	May	June	July
Requirements and Design Document (H)			š	
Governance and Risk Assessment (H)			S	
Regulatory Compliance and Risk Management Strategy (H)				
Project Funding Drive (H)				
Develop Activities to Identify the Occurrence of a Security Event				
User Interface DDI, Web3 Interface, Off-Chain Data Store and Retrieve Testing (H)				
Smart Contract DDI, and Testing				
End-to-End Testing				
Network and Data Security Audit	Ĭ			
Program and System Documentation				
Emerging Trends				

Call to Action

Asset tokenization is the future with unlimited potential worldwide.

We are looking for investors to fully implement this exciting and rewarding project.

I would like to meet in the next couple days to discuss further.



Thanks!

Contact us:

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https://github.com/eyeung99/Bio-Resume



Asset Tokenization System Architecture Property Record + wallet address: address Seller Investor Real Estate Investment DB + seller name: string + property location: string + roll number: string + token amt of sale: uint **KYC Service Provider HTML Front-End** MPAC **Appraisal Services** Web3 Interface **JSON RPC Ethereum Nodes Ethereum Virtual Machine** Smart Contract Blockchain Blockchain Blockchain