DOGE BANK

Technical Litepaper.

https://

Meme abstract

Doge bank aims to bank the blockchain.

- We bankroll fair launch liquidity for PROFIT. Funders get repaid from taxes directly, with interest.

- We issue loans backed by liquidity pool tokens.

- Investors can bank/deposit their money in our vault. The Bank will treat it as capital and invest in fair launches or issue loans on their behalf, or investors can fund fair launches or issue loans directly from their wallets.

- All Liquidity Pool tokens are sent to the vault whether its fair launch funding or project loan.

- We offer LP tokens custodial service.

- We also bank excess cash from other projects and invest it and pay dividends.

Possibilities:

You just need to bring your project to the table, Not being able to launch a project because you don't have capital is a thing of the past.

You can earn interest for funding a fair launch initial liquidity. Funding is performed directly into the projects Uniswap liquidity pool.

If your project need liquid cash, we accept your projects lp tokens as collateral.

You can bank your money in our vault and earn interest. This interest comes directly from loan interest and fair launch funding repayments.

Repayments come directly from the funded projects taxes, with interest. Terms vary for each funding round depended on initial liquidity required and the projects potential and talent behind it.

Place your money in fixed term savings vaults for higher interest rates each month. The higher the term the higher the interest rate.

Features:

Homepage –

- Total Funding Requests value

- Total Funded PROJECTS Value

- Total Funding repayments value

- Total interest revenue vs number of projects

- Total loans issued

- Total loan repayments value

Funding Page –

- Funding Requests list

- Funded projects list

- Repayment status list

- Search bar – find project by address in each category

- REQUEST FUNDING

Loans Page –

- Loan requests list

- Loans issued list

- Loan repayments status list

- Search bar – find project by address in each category

- REQUEST LOAN

Vault page –

- CASH VAULT – FIXED TERM DEPOSITS

- LP TOKENS VAULT – CUSTODIAL & COLLATERAL

- Deposit cash

- Deposit collateral

Portfolio page –

- Savings account: deposit money into fixed term vaults. Check the current deposit amount and interest and overall performance. Ie for each user keep track of last reward basis each time revenue is paid on loan or funding round.

<u>Continued…</u>

VAULTS AND MAIN CONTRACT are ABLE TO MOVE MONEY BETWEEN EACH OTHER, THIS ALLOWS THE BANK TO HAVE ENOUGH LIQUID CASH TO DO FUNDING ROUNDS. FIXED TERM DEPOSITS VAULT CONTRACT SHOULD BE ABLE TO GIVE THE MAIN CONTRACT FUNDING ROUNDs LIQUIDITY.

The main contract will correspondingly have a short term cash account – the funding wallet. This funds projects at the discretion of our team management based on merit: the higher potential, team and security, the better.

Bank card nfts with your face, made with ai. We should Launch a payments debit card based on the nfts for payments internationally. Our goal is to become the official debit/credit card vendor for doge coin. Portion of all taxes collected go into funding this.

Technical Features

Three contracts: - main - savings/fixed terms vault – lp tokens vault.

Main contract is the only one that triggers fundings and loan approvals/transfers.

Main contract keeps a current account for use in launches funding and project loan approvals.

Main contract should be able to approve a loan request and trigger the vault into making a loan transfer to the requesting contract (receiving address specified during application).

Main contract can trigger a poll to request withdrawal from the savings/fixed term vault.

Community votes in the fixed term deposits vault, this holds polling capability which trigger approval to main contract address only.

Fixed term vault keeps track of reward basis for wallet. Withdrawing from the vault means resetting your reward basis to the current fixedtermvaultpoolrewards this is kept for each wallet that deposits into the vault.

Projects have to apply for Fair Launch funding on our contract using our application function which accepts: name, pair address, amount, IPFS URL of logo, telegram group URL.

Funding applications are then checked by our team of auditors to see if there are any vulnerabilities that could stop repayments coming to us directly from taxes.

Projects have to implement our custom function in order to receive fair launch funding. Our custom function accepts a series of values that only we specify, everything else inside the function has to be identical word to word.

The projects approved have implement a repayment function. Even if they plan on screwing us somehow with a bypass that stops repayments towards us from taxes directly and continuously, we own their liquidity tokens.
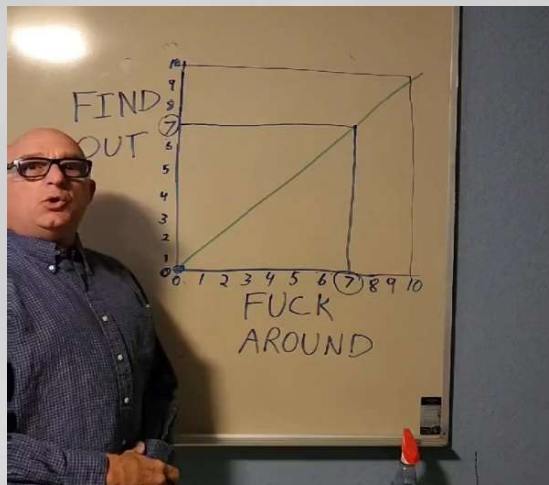

Figure 1: default on repayments and we will remove liquidity to repay the initial liquidity providers directly

We want our money back as quickly as possible in turn for the next project in line. We make sure that there is a line of credit between the vault and the main smart contract – funding contract.

However for those projects that default, we will remove their liquidity from the project's Uniswap LP and turn it to ETH in order to settle the investors. Bank or wallets, we repay direct to the project's struct using the repay function. Investors are then able to withdraw their investment (plus interest if available).

Loans are different…

Projects that need loans also have to apply but this is saved differently from funding applications. You do not need to implement our interface, but we will check the overall health of the project versus the provided collateral.

Loan Applications are saved individually for all projects, allowing projects to have multiple loans at the same time. Currently the beta contract has limitations: repay the last loan first in order to apply for a new one. This can be changed in future.

Repayments are done per loan mapping, and loaners (investors) can keep track of the repayments and withdraw manually as they come.

We implemented a depositfunding function that's called by the admin in the vault to move funds to the main smart contract, and used to fund projects. Its put to work, earning its interest.

Potential growth and migration:

Suppose we outgrow our smart contract yet funded projects are still pointing to the old contract, they cant point to the new if hardcoded in their smart contract code (our interface). We stop approving funding requests and loan applications, old investors can still claim repayments sent to those project structs. Everyone else is simply encouraged to migrate without any loss.

What's needed:

- Awareness campaigns: partnering with influencers and bringing new project traffic to our platform. This should be incentivised from the interest repayments.
- Hiring more developers for Beta V2 of the website and protocol
- Hiring auditors to support new projects implementing our interface/functions & checking vulnerabilities.
- Documenting our protocol for both projects and investors.
- Thorough Beta testing as a practise run for all involved.
- Thorough Beta testing to iron out issues and fine tune protocol before final version launch.

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