Idea / Conceptualization:

DApp Name: **HoDLer’s Trustee**

Project Methodology used: **Scrum**

**Problem Definition:**  As Digital Assets and Cryptocurrencies increase in price and becomes more adopted to become “store of value”, the difficulty to transferring ownership from HoDLers to their non-technical loved ones is a real issue. For example, if a HoDLer abruptly dies then his crypto holdings are now lost forever, assuming his loved ones aren’t technical and knowledgeable about crypto.

**Targeted Customer Segmentation:** HoLDer’s in their 30’s to early 40’s with children.

**Focus:** Trust fund that allow non-technical family members to easily withdraw and sell the tokens.

**Description:**

This DApp is designed to be a Minimal Viable Product (MVP) for anyone who wants to open a trust to transfer crypto assets to their intended beneficiary.

Trust Definition

A trust is a fund third party held by a third party (the trustee) to which the assets of that fund will transferred to its assigned beneficiaries. The third party is normally a bank that legally create the trust on behalf of its clients and provide services accordingly. As a common use case, trust funds are used by the wealthy to transfer assets (property, stocks, titles, etc.) to their children.

Players in the trust:

* Grantor / Settlor – individual who is in possession of assets and intend to transfer their assets to their beneficiary (e.g children, spouse, etc.).
* Trustee – third party entity that custody assets on behalf of the grantor and executes the transfer to the beneficiary. In our case, the DApp is the Trustee.
* Beneficiary – the recipient of the tra

Type of Trust

Generally speaking, there are two common types of trust, revocable and irrevocable.

* Revocable trusts are created during the lifetime of the trustmaker and can be altered, changed, modified or revoked entirely. It is often called “living trust”.
* Irrevocable trusts cannot be altered, changed, modified or revoked after its creation. Once an asset is transferred to an irrevocable trust, no one, including the grantor, can take the asset out of the trust. All Trust created in this DApp will be Irrevocable.

Basic DApp Features

Acting as Trustee, this DAapp will allow the grantor to deposit crypto assets, designate his/her beneficiaries, and set conditions to which the assets can be transferred. For simplicity, ETH will be the only asset in this MVP. In the future, ERC-20 token will be deposited.

Grantor must be KYC’d. Feature will include:

* Provide a picture of gov ID -

The conditions as follows:

* Time – for lock up
* Price – if Asset reaches a certain price

Advanced Features:

The Trustee also have the option to loan ETH and earn interest:

* Determine Market Interest Rate (from ChainLink Oracle)
* Lending time option, 1 month, 3 month, 5 month.
* Withdrawal option.