*SoveranceOS*BETADOC

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This document outlines the SoveranceOS prototype tasks.

Goal: We would like to be able to present the wallet UI to potential investors to facilitate equity deals.

Prototype: Phase 1 - Research: day 0-30

- Research AOSP code [Android OS 8 is most versatile].
- read/tag code with function description.
- Highlight code to be removed.

Prototype: phase 2 - SoveranceOS core: day 31-92

- Begin removing code.
    - Anything not necessary to the cold storage functions:
    - Google, gps, IMEI, wifi capabilities, pretty much all of the HAL.

Prototype: phase 3 - SoveranceOS core: day 93-152

- Build wallet interface using source list for help:
- https://github.com/mycelium-com/wallet-android
- https://github.com/horizontalsystems/unstoppable-wallet-android
- https://github.com/Blockstream/green_android/
- https://github.com/EdgeApp/edge-react-gui
- https://github.com/cypherstack/stack_wallet
- https://github.com/secretkeylabs/xverse-web-extension
- https://github.com/LedgerHQ/OUTDATED_ledger-wallet-android
- https://github.com/DcentWallet
- https://github.com/Okx

SoveranceOS Prototype specifications (task list):

1. Must have wallet manager UI embedded in the Android system.
    1.1. https://curve.fi/#/ethereum/swap (design standard).
    1.2. Colors: white, black, and #FFE700 (yellow).
2. Home screen: ‘wallet icons’
    2.1. BTC: https://ibb.co/LpHXDK6
    2.2. ETH: https://ibb.co/rcHpTFT
    2.3. SOL: https://ibb.co/K0Q3jyR
    2.4. XMR: https://ibb.co/QYKV6GZ
3. Must have a stock BTC, ETH, SOL, and XMR paper wallet.
    3.1. Must generate seeds.
    3.2. Must be able to send and receive tokens.
    3.3. Must be able to sync chain data [hardwired]
        3.3.1. https://bitnodes.io/nodes/leaderboard/
        3.3.2. https://ethernodes.org/nodes
        3.3.3. https://solana.com/rpc
        3.3.4. https://nodes.monero.com/
4. Must have no other services but the wallet UI.
    4.1. This device should have wifi access for the time being.
    4.2. This device should have no other apps other than the UI.
5. SoveranceOS phone boot up (optional).
    5.1. White background, black Soverance logo.
6. Must allow access to view the code (github preferably).
7. Satisfactory work to show investors an embedded wallet manager on an Android device.

List of references:

SoveranceOS Derivative Works:
https://developer.android.com/studio
https://developer.android.com/tools
https://github.com/CalyxOS
https://github.com/GrapheneOS

Interface Code:
https://github.com/mycelium-com/wallet-android
https://github.com/horizontalsystems/unstoppable-wallet-android
https://github.com/Blockstream/green_android/
https://github.com/EdgeApp/edge-react-gui
https://github.com/cypherstack/stack_wallet
https://github.com/secretkeylabs/xverse-web-extension
https://github.com/LedgerHQ/OUTDATED_ledger-wallet-android
https://github.com/DcentWallet
https://github.com/Okx

Wallets Generation:
BTC: https://github.com/bitcoin-wallet/bitcoin-wallet
ETH: https://github.com/matthiaszimmermann/ethereum-paper-wallet
XMR: https://monero-wallet-generator.com/
DASH: https://docs.dash.org/en/stable/docs/user/wallets/index-paper.html
FIRO: https://github.com/bradleymackley/paper-wallet/blob/master/firo.html

Cold Storage OS:
https://github.com/keepkey/keepkey-firmware
https://github.com/trezor/trezor-firmware
https://github.com/Blockstream/Jade
https://github.com/LedgerHQ/nanos-nonsecure-firmware-releases