

SkyeKiwi



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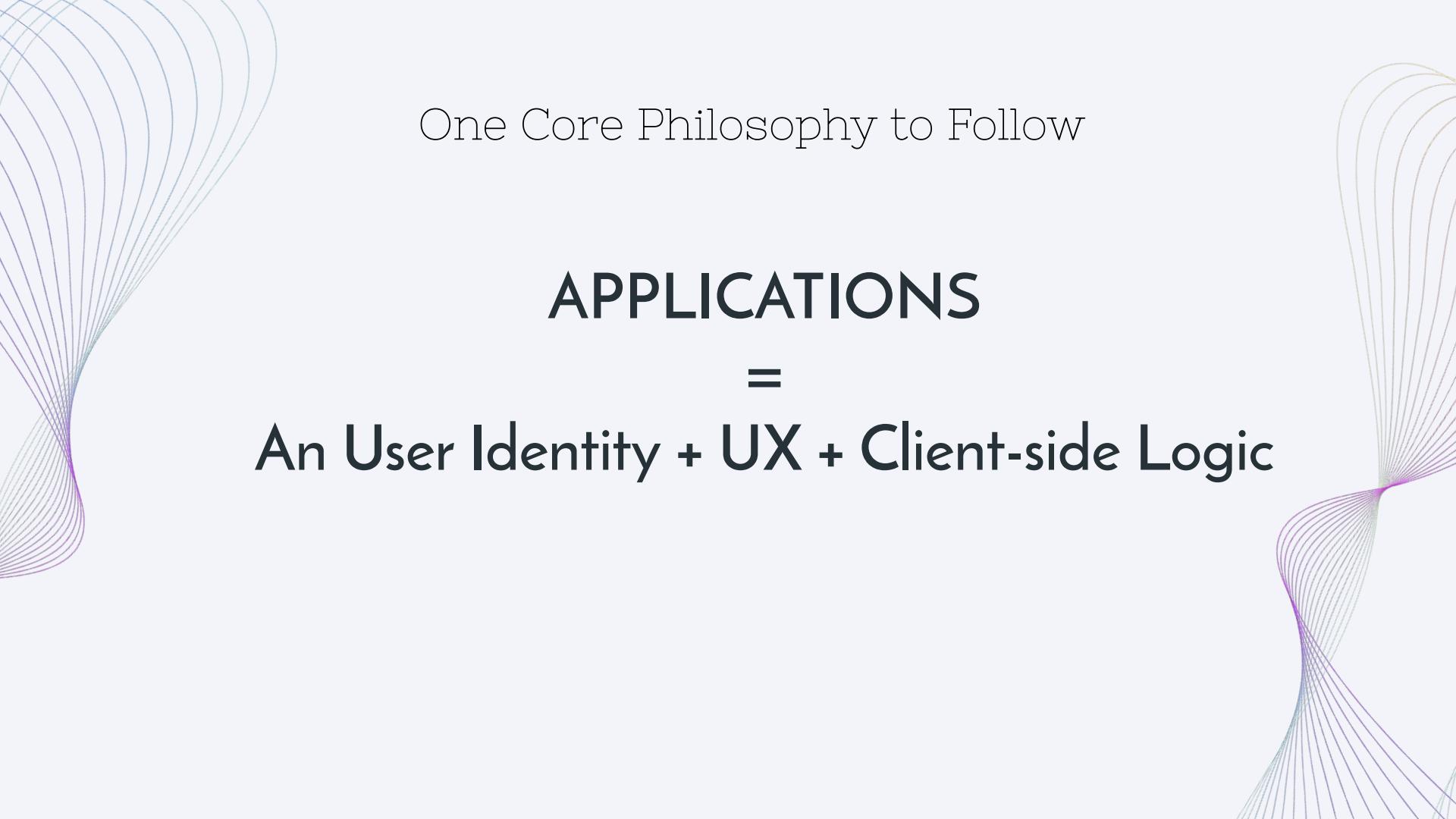
- build a suite of decentralized identity & access management tools

Core Product: SkyePass

Decentralized Password Manager

TO THE BASIS – A Simplest Password Manager





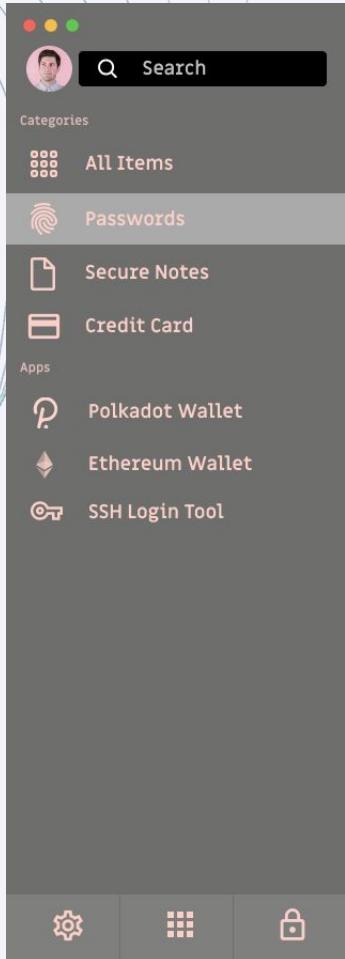
One Core Philosophy to Follow

APPLICATIONS

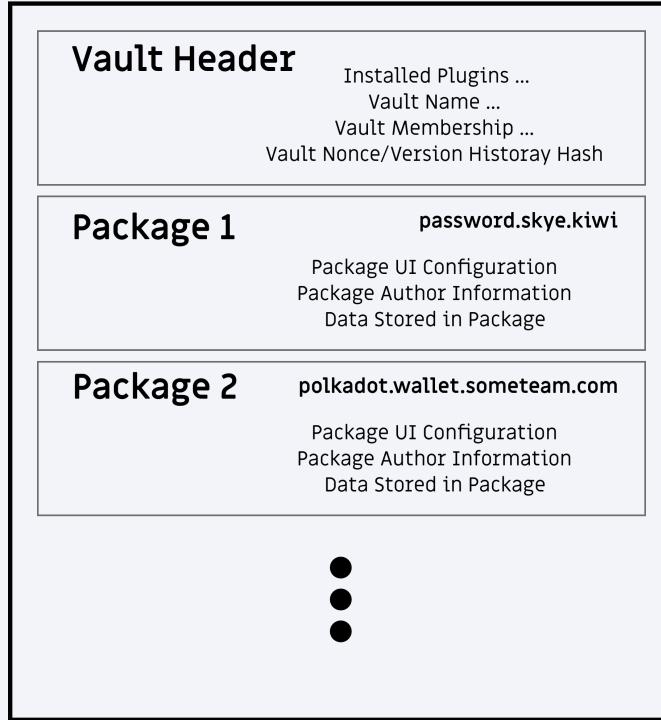
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An User Identity + UX + Client-side Logic

A Lightweight Database



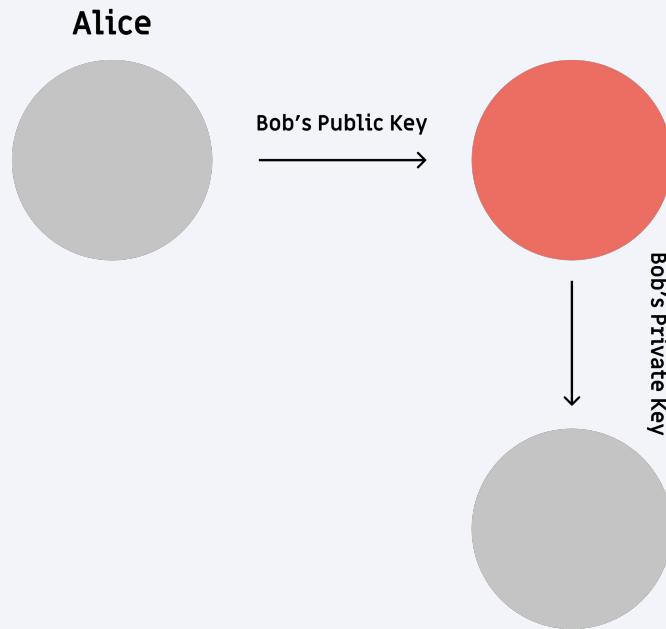
Vault Database (db.json)



We modularized each functionalities to allow a password manager to be much more than a password manager.

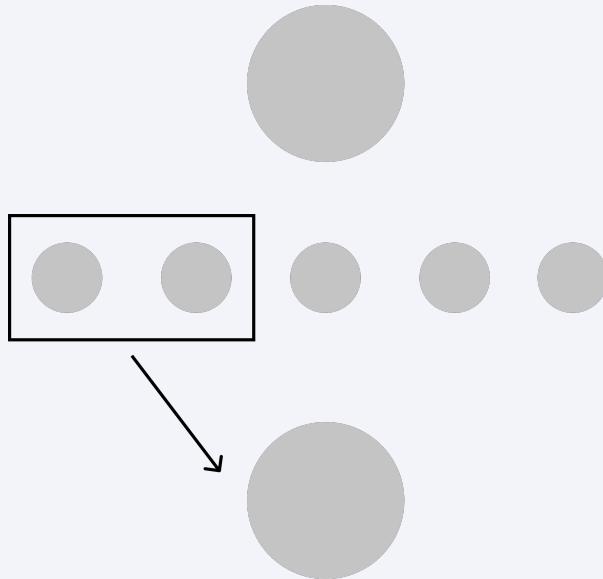
Vault Metadata & Encryption

Elliptic Curve Encryption



Shamir Secret Sharing

5 Pieces
2 Pieces to Recover

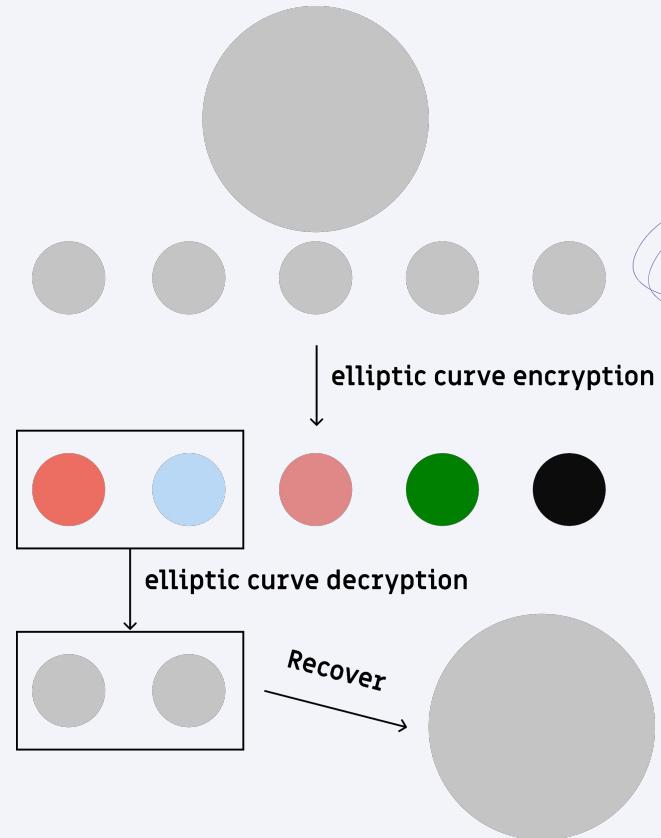


Shamir Secret Sharing - a cryptographic method that divides a secret into multiple parts and set a minimum quorum of parts to reconstruct the original secret.

COMBINE ...

Combine elliptic curve encryption and Shamir Sharing

- secrets can be shared to targeted public keys
- achieve high precision cryptographic based access control

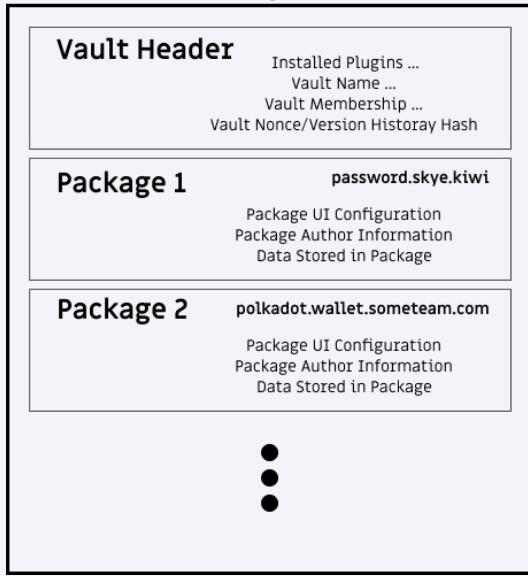


Server: Metadata & Database Storage



WASM Smart Contract & IPFS Cluster

Vault Database (db.json)



Metadata Controller

Write Nonce & Version History Hash

Nonce Verification Handler

Encryption & Metadata Handler

Push to IPFS/Write to Blockchain

Build Metadata

Elliptic Curve Encryption

Shamir-Secret-Sharing Process

Nonce Verification Handler

Access Authentication

Read the Local Vault

Encryption Schema Handler

Write

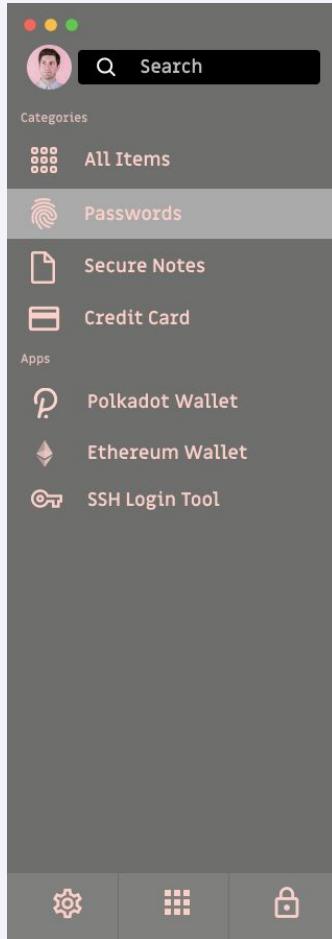
Read

Blockchain & IPFS Cluster

- Inject with
- A blockchain identity
 - A encryption Schema

Client Side

Watch A Brief Demo: [Link](#)



Client UI

Desktop App - Electron / React App

Seed Identity Storage
Private Key
Seed Phrase

Render Package 1
`password.skye.kiwi` Package UI Configuration
Manage Data Stored in Package

Render Package 2
`polkadot.wallet.so` Package UI Configuration
`meteteam.com` Manage Data Stored in Package

⋮

Package Marketplace
Browse & Install Extensions

Settings
Vault Settings
Identity Settings

Browser Extension

Vault Header Installed Plugins ...
Vault Name ...
Vault Membership ...
VaultNonce/Version History Hash

Package 1 `password.skye.kiwi` Package UI Configuration
Auto-Fill Passwords/OTP

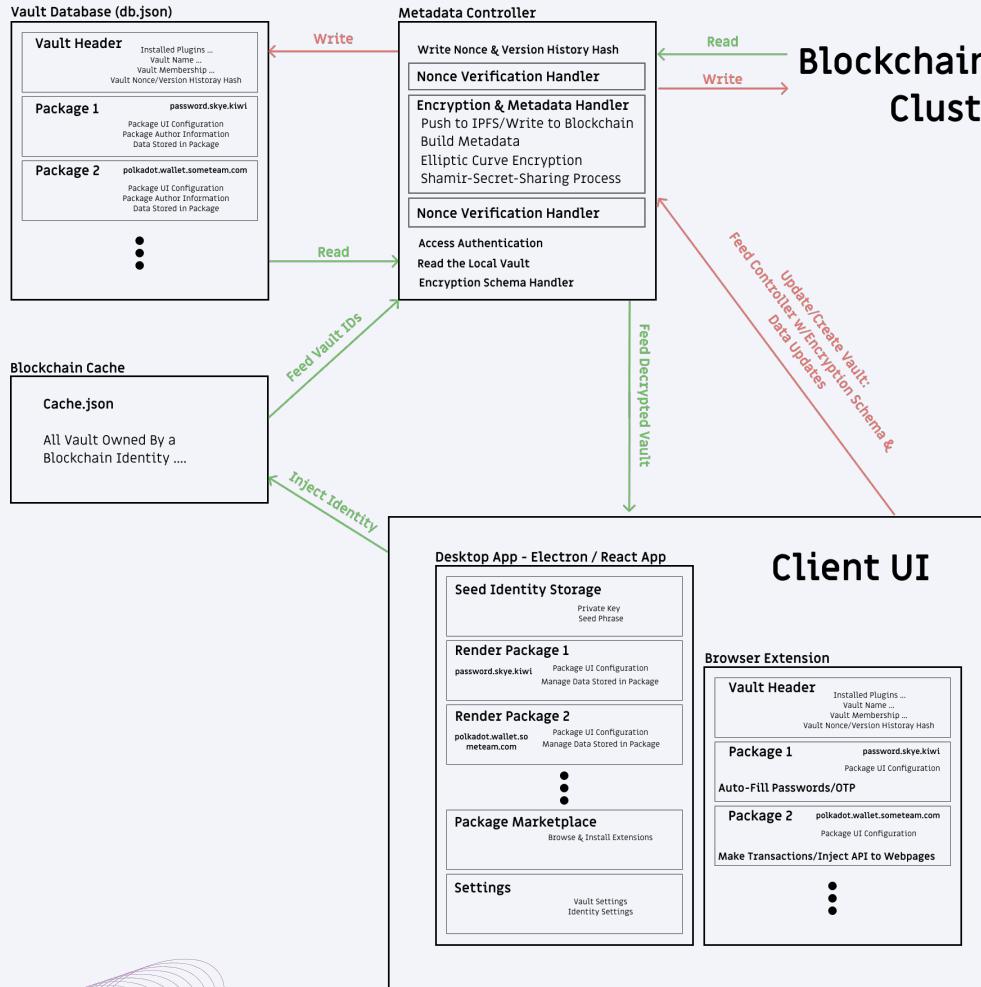
Package 2 `polkadot.wallet.someteam.com` Package UI Configuration
Make Transactions/Inject API to Webpages

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Put Everything Together

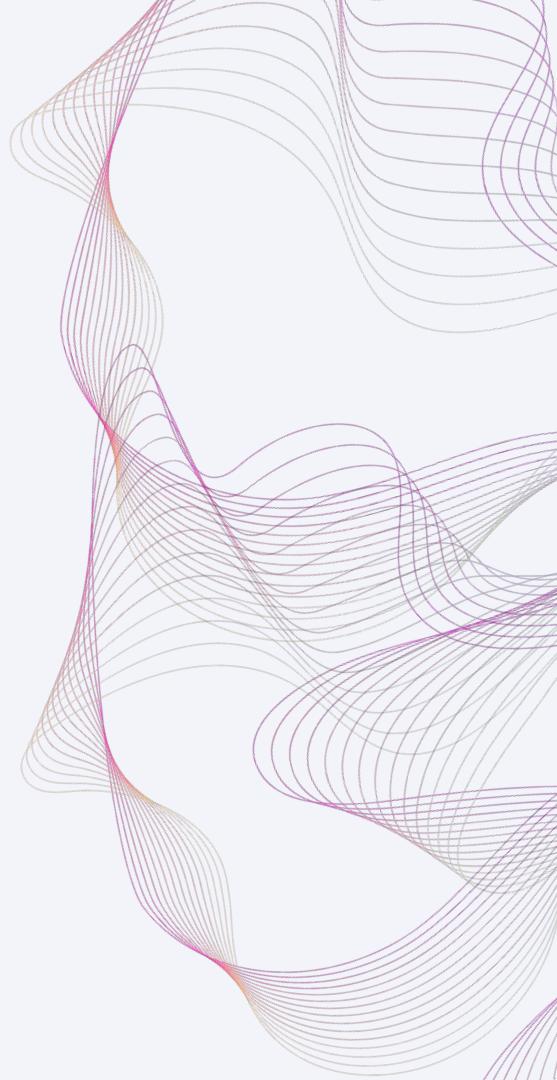


Blockchain & IPFS Cluster



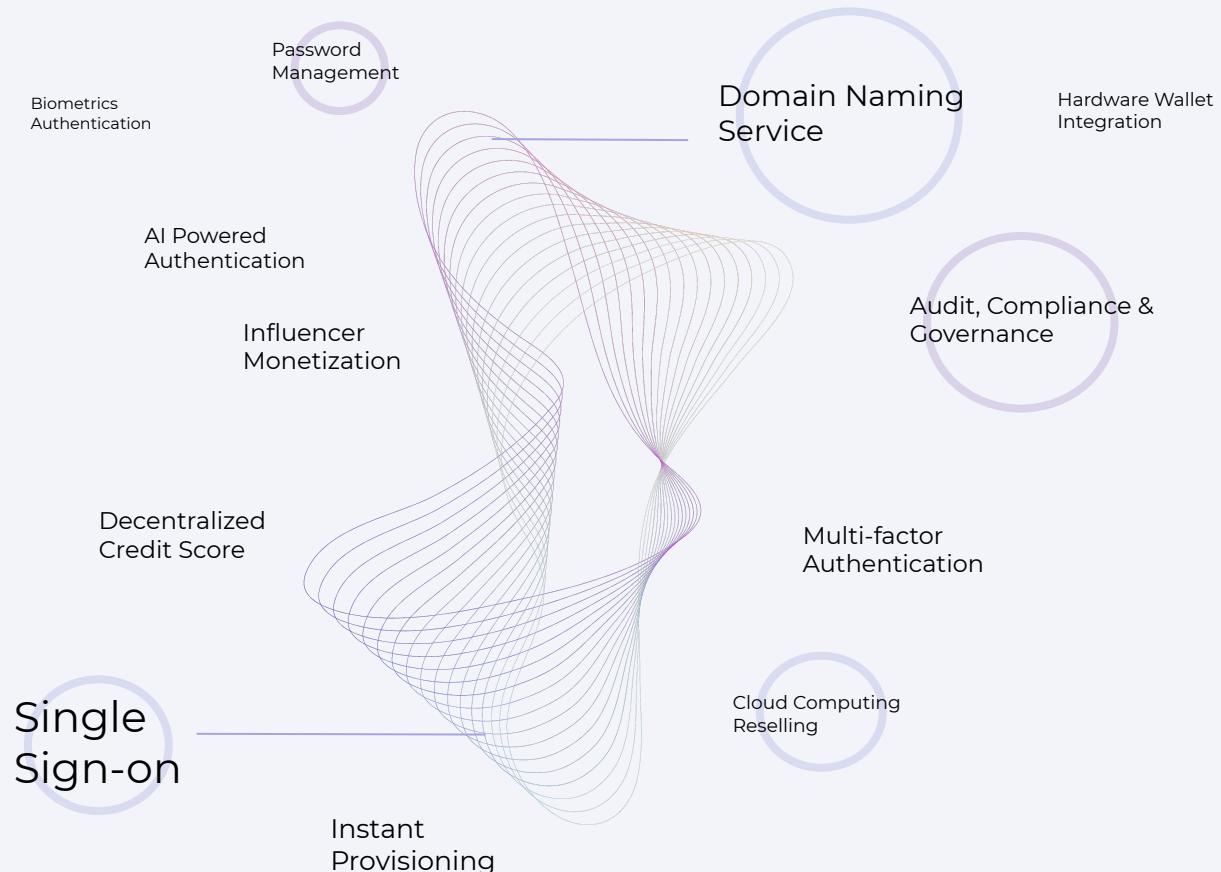
On the Surface

SkyePass delivers a user experience that is almost on par with centralized password managers.



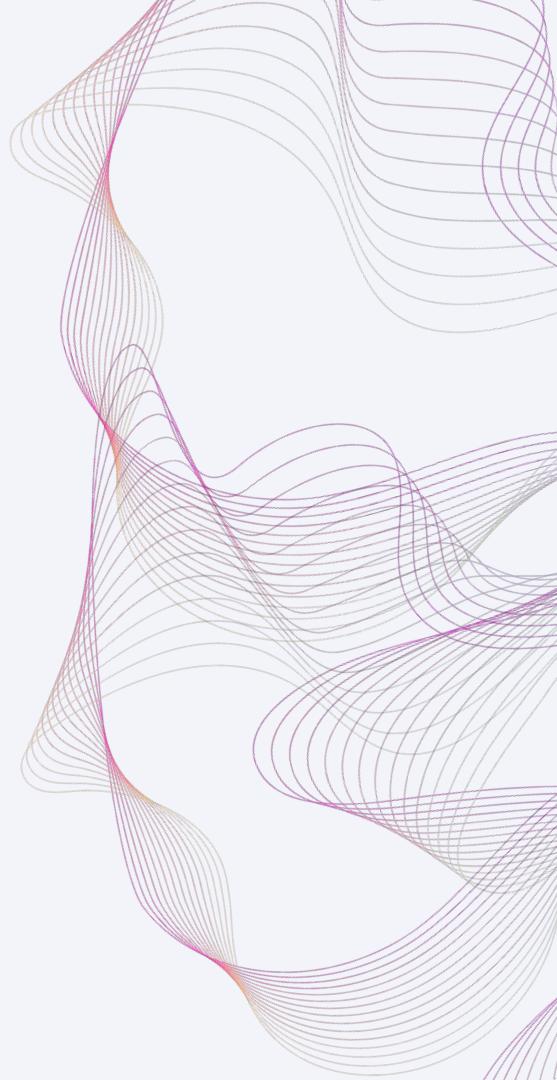
What's More to SkyeKiwi





SkyePass

Plugin Packages



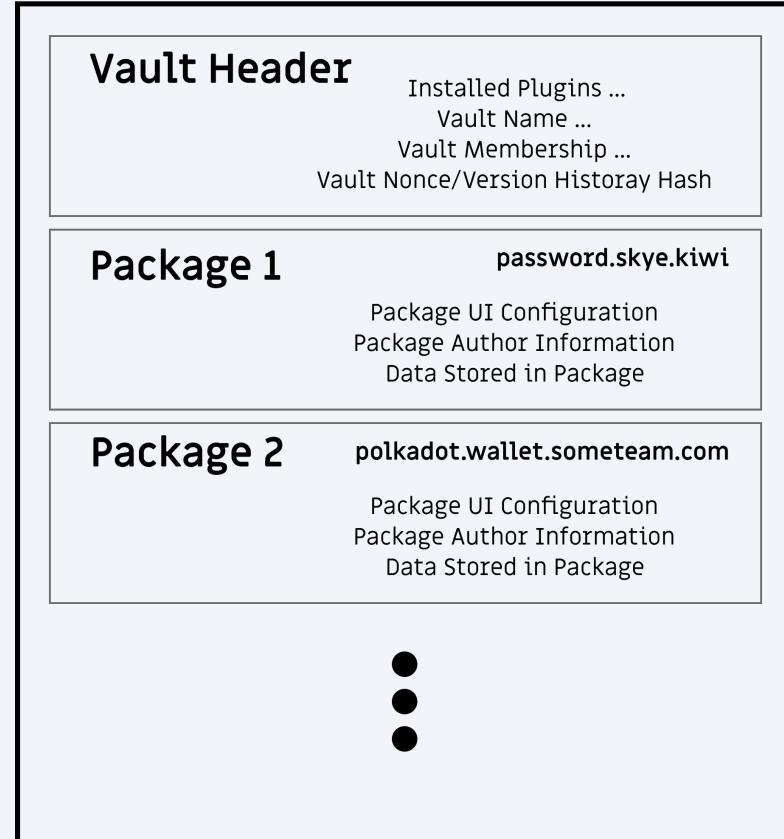
Vault Database (db.json)

Default Packages:

1. Password Storage
2. Secure Notes Taking
3. Credit Card Storage
4. Polkadot Wallet
5. Ethereum Wallet

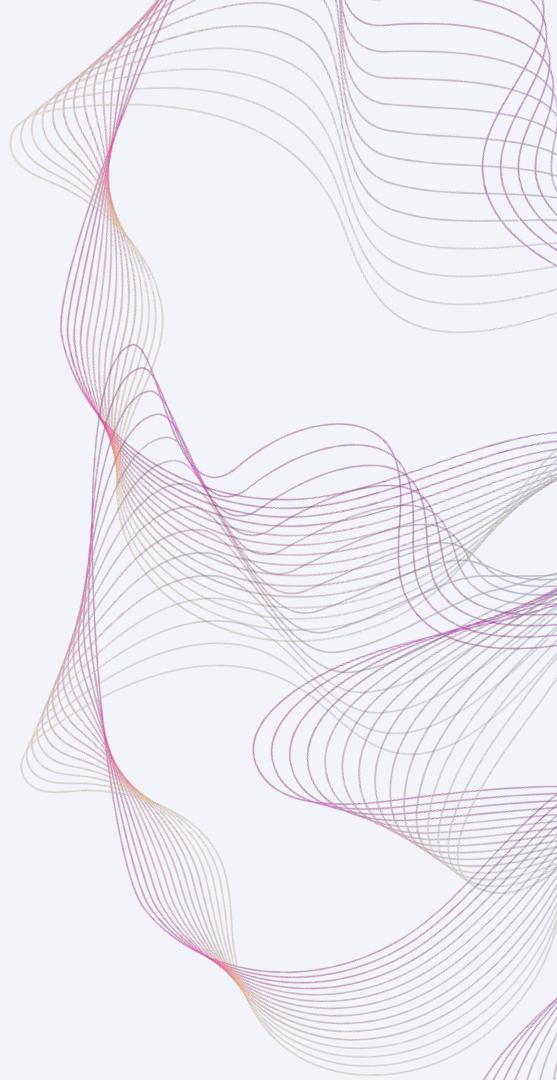
Others To be includes:

1. SSH Login Utility
2. GPG Keychain Utility
3. Shared Phone Number
4. Shared Email Address
5. Shared WeChat account

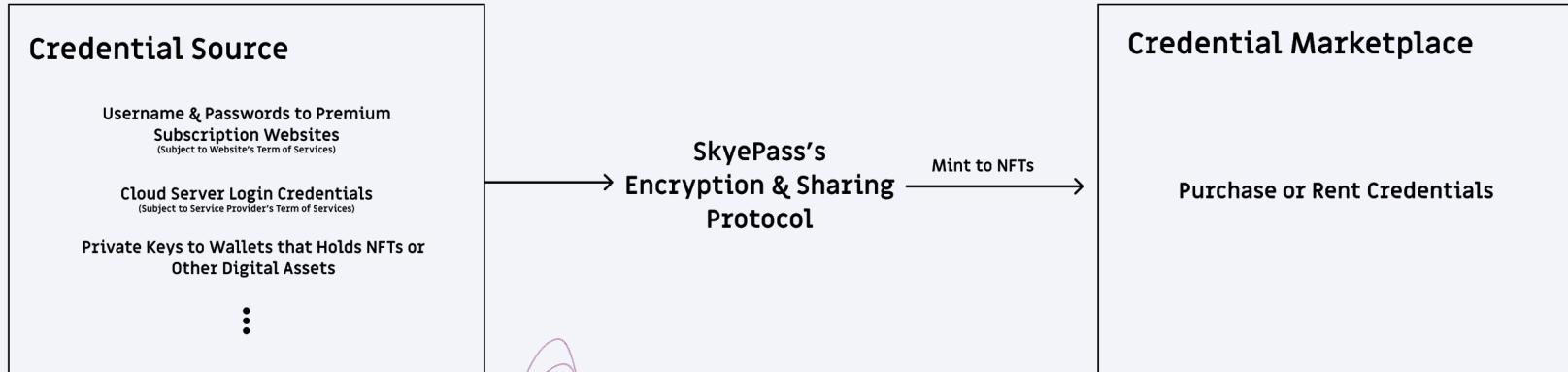


Cred.M

A Credential Marketplace



Package: Credential Monetization



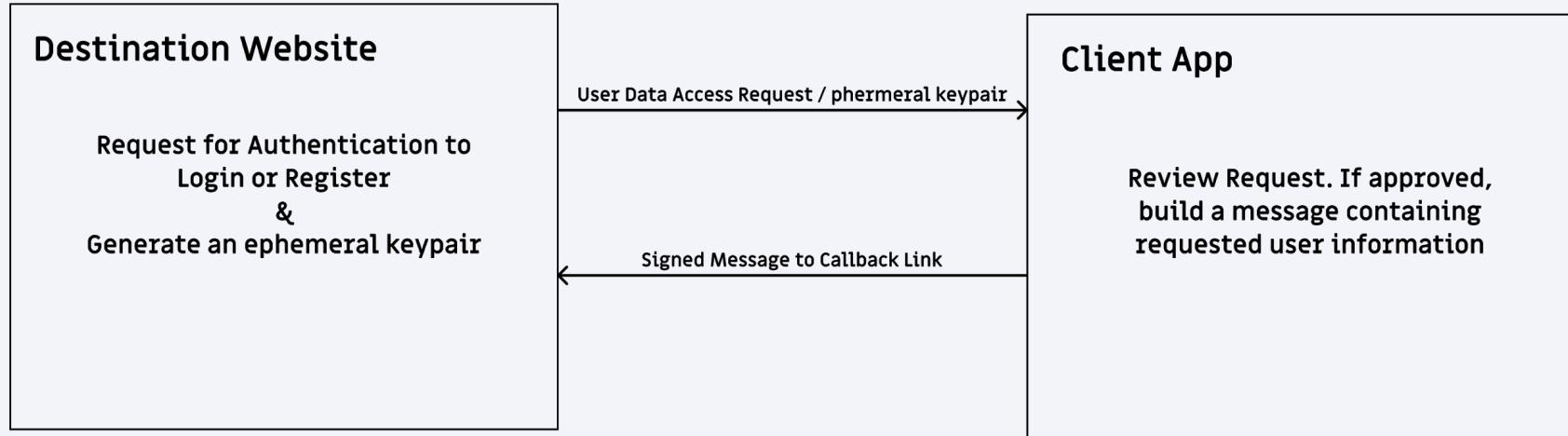
SkyeLink

The Future of Password Management has
No Password



**SkyeLink - a single sign-on developer kit to enable
passwordless user authentications.**

Package: Single Sign-on



 Sign up with Apple

 Log in with Google

SkyePass Pro

A Team & Enterprise Oriented IAM Solution

Custom Encryption Schema



Vault 1

Schema



- Unencrypted piece
- Encrypted with Alice's public key
- Encrypted with Bob's public key
- Encrypted with Cindy's public key

Vault 2

Schema



2theMoon Co.
company vault

6 people &
Alice is the CEO

- 6 pieces encrypted with employee's public key - saved to their local company computer
- 6 pieces encrypted with employee's public key - saved to company private file cluster
- 1 piece encrypted with a company private shared keychain
- 3 pieces encrypted with Alice's public key and sent to a trusted third party backup service provider

Core Protocol Development

- Beta release of SkyePass
- Partnership with selected Substrate public chains with WASM smart contract pallets
- Draft package governance framework

Governance

- Community building for SkyePass packages
- Governance framework launching

2021 Q3

2021 Q2

2021 Q4

Future

SkyePass Pricing & SkyeLink Release

- Alpha release of SkyeLink
- Build seed user base for SkyePass
- Prepare to migrate SkyePass to main chains, set up pricing terms
- Implement SkyePass governance framework

Deep integrations

Deep integrations and partnerships with more product team.

CONTACT

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THANK YOU !

