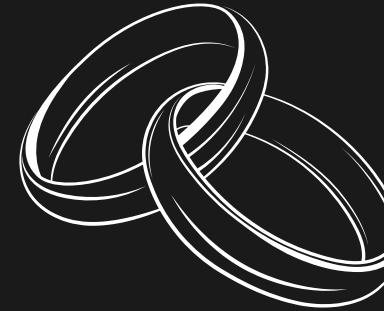


XRPL



SOLVENCY

USE XRPL TECHNOLOGY TO BRING DECENTRALIZED
SOLUTIONS TO REAL WORLD PROBLEMS.

CONTENT

The problem

Our solution

Ring signatures ?

Use case

GTM Strategy

Roadmap

The team

THE PROBLEM

How can we enhance privacy with proof of solvency ?

**No user-friendly and scalable
solution for solvency proofs**

**SECP256K1 implementation
curves are not ZK-SNARK
friendly**

Solvency proofs are technically hard to implement using ZK

THE SOLUTION : RING SIGNATURE

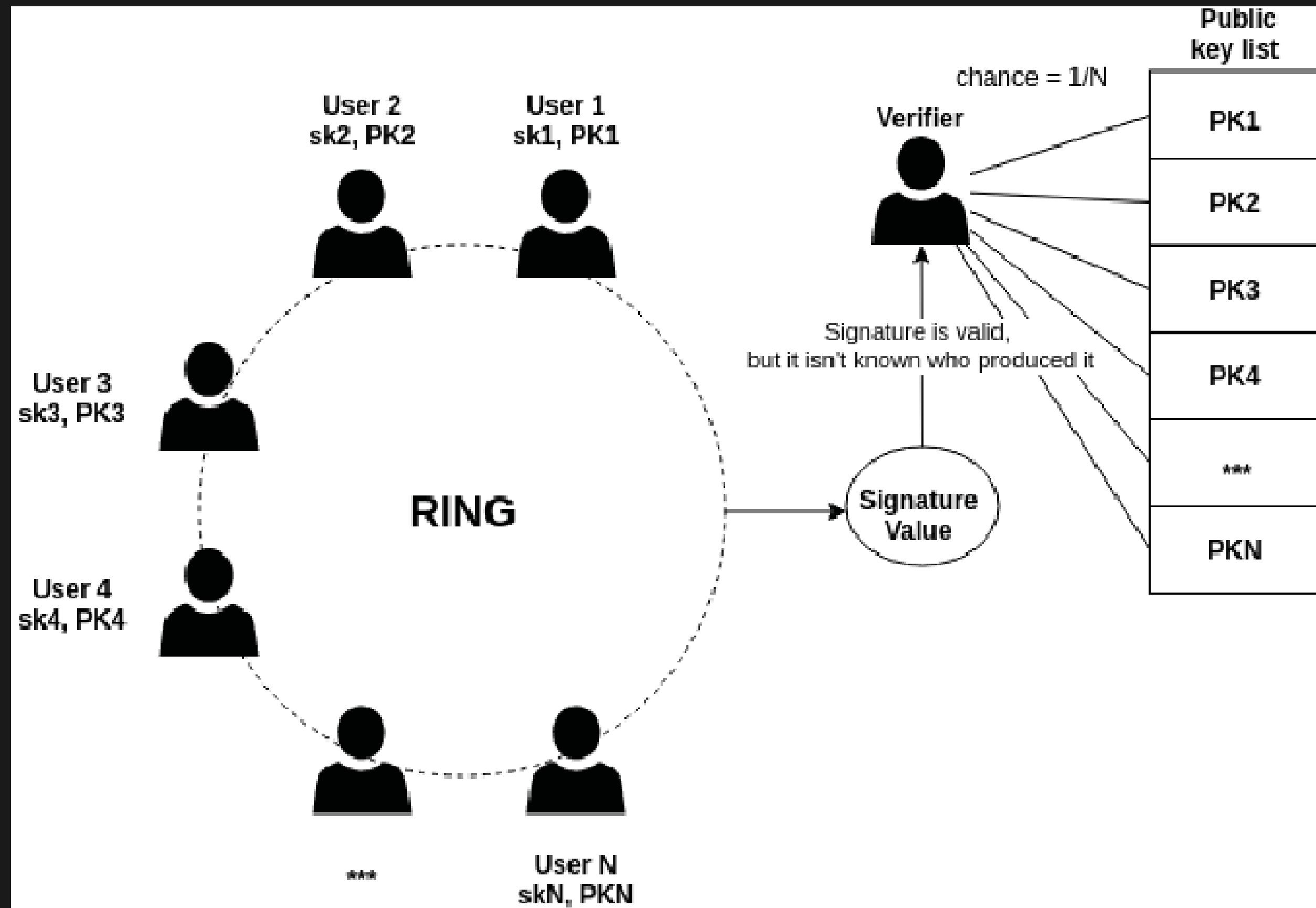
XRPL Friendly

Scalable

Secured by advanced
cryptography

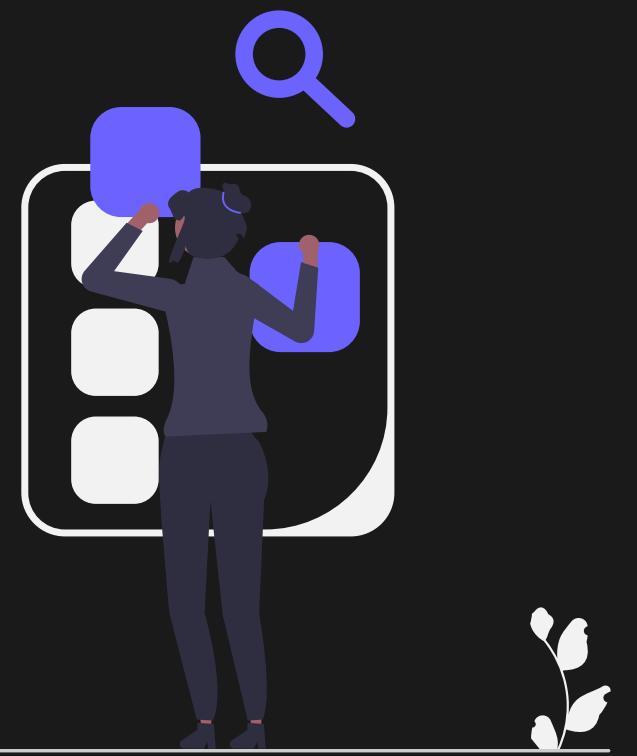
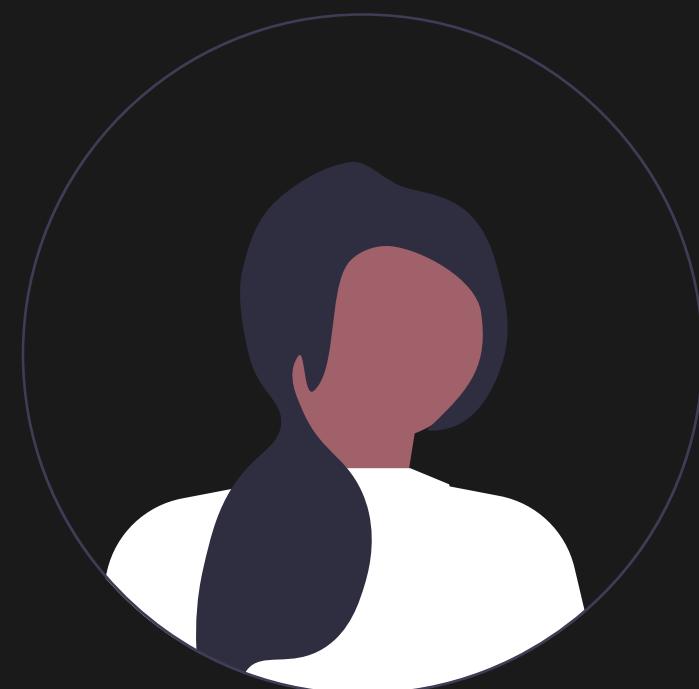
How do we use it? For what ?

RING SIGNATURES ?

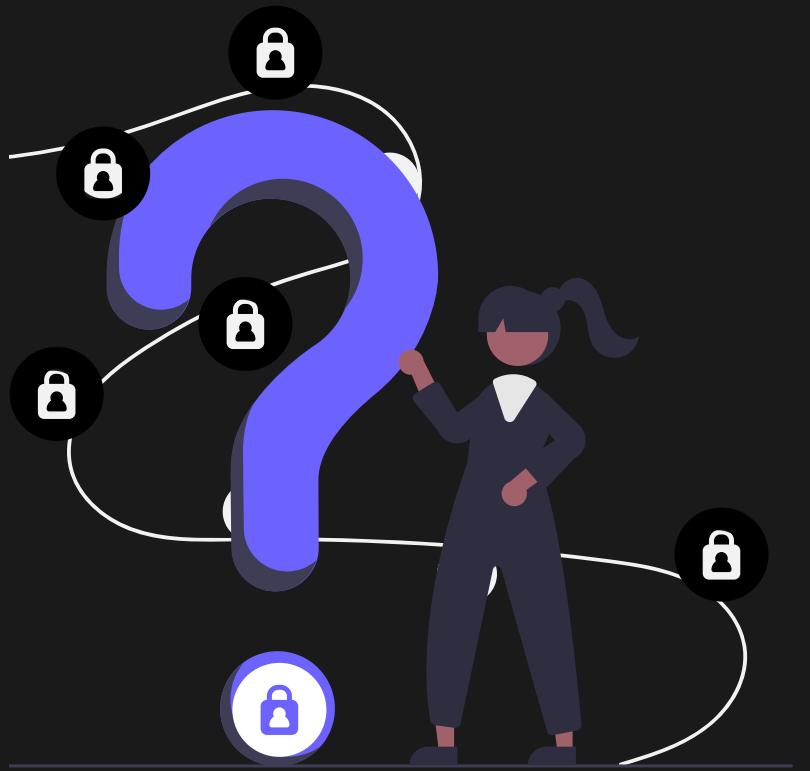


USE CASE

Alice



Bob



HOW IT WORKS IN 3 STEPS

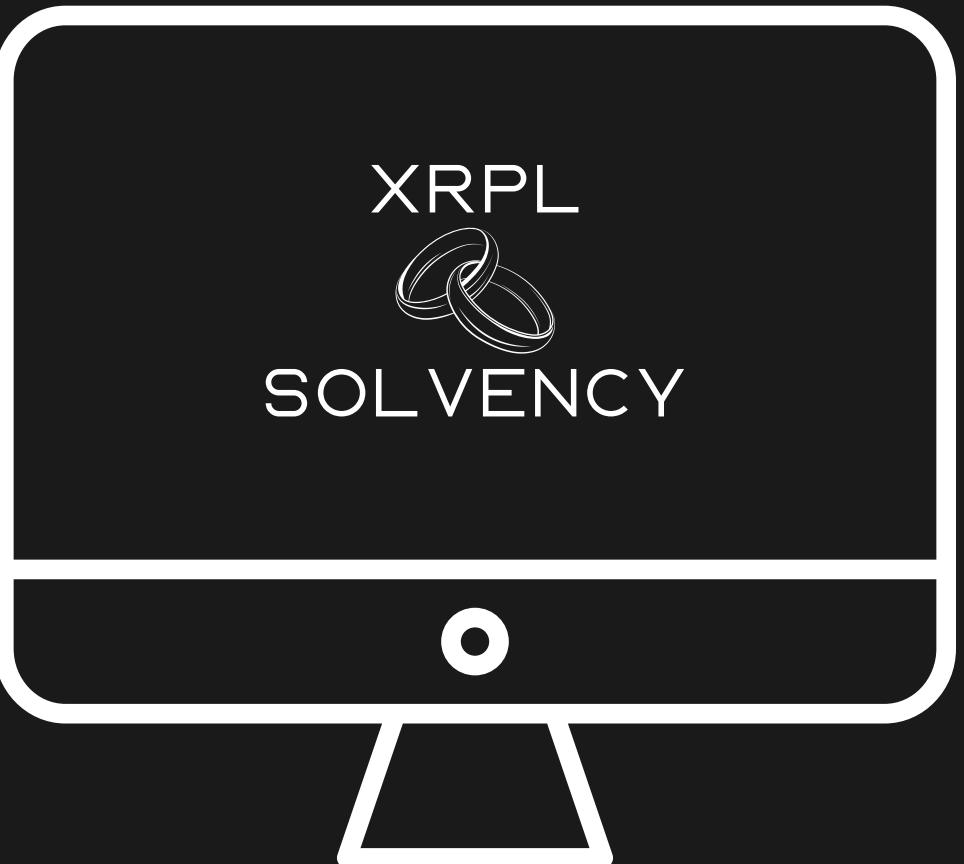
Step 1: Generating the solvency proof



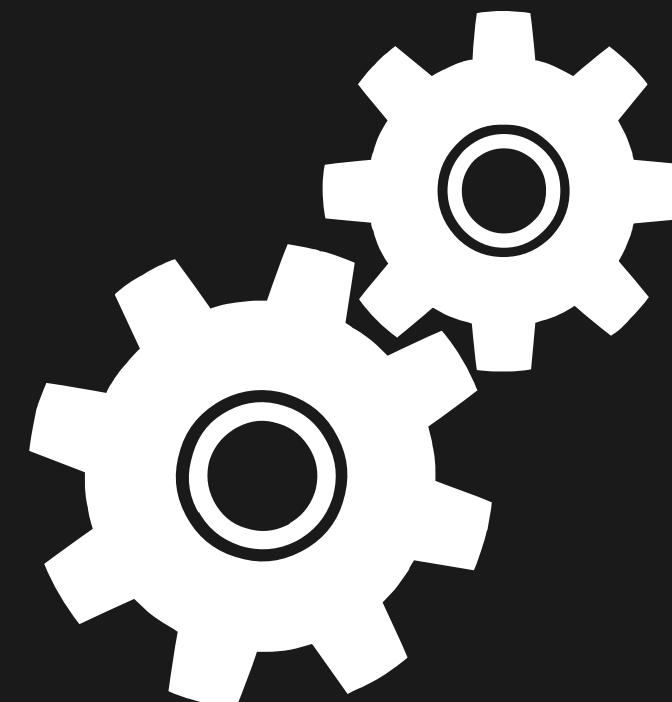
ALICE



- RECEIVING ADDRESS
- SECRET ADDRESS
- TOKEN + AMOUNT
- *SHARED SECRET



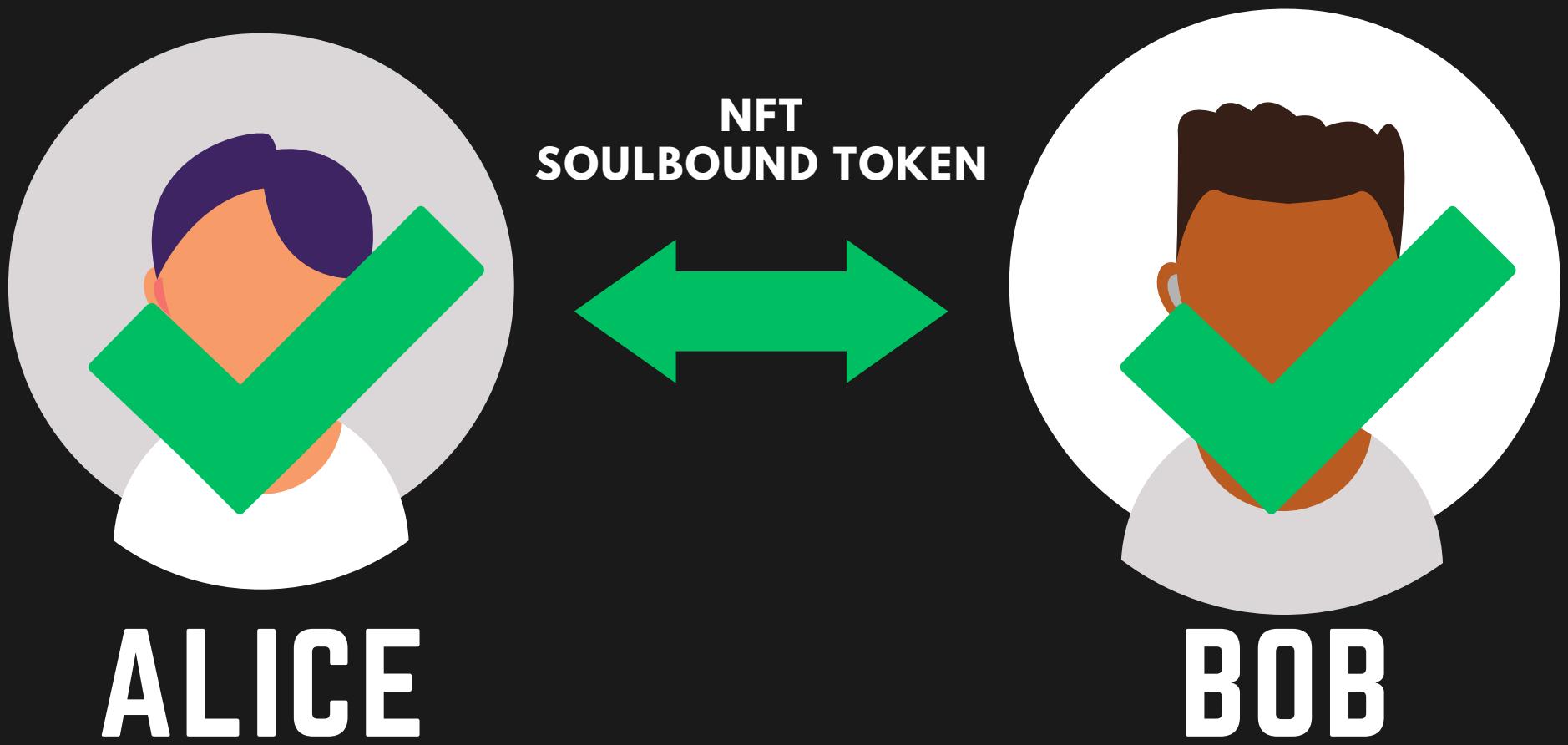
PROOF



**OFF/ON CHAIN
VERIFIER**

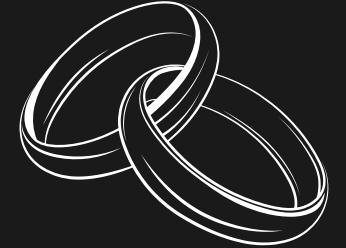
HOW IT WORKS IN 3 STEPS

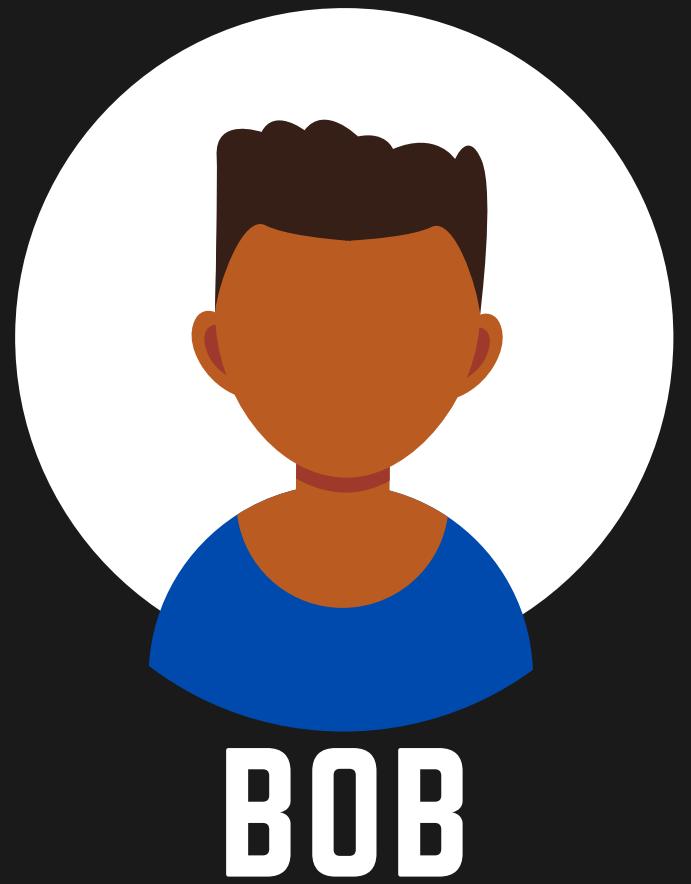
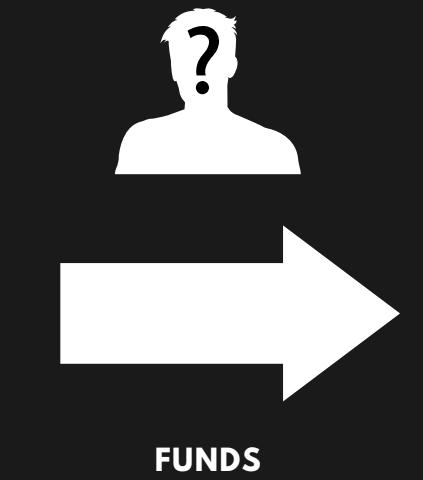
Step 2: Agreement



HOW IT WORKS IN 3 STEPS

Step 3: Transferring the funds via a "zk channel" (in development)

XRPL

SOLVENCY



USE CASE: PROOF OF RESERVE (DEX/CEX)

Current PoRs are carried out by independent entities.

- ✗ The problem is that users have no guarantee that the audit was well carried out.
- ✓ With our solution anyone (CEX/DEX...) can generate a PoR via an open source and verifiable mechanism based on cryptographic concepts.

WHY IS XRPL A GOOD FIT?

- Blockchain solution that is scalable, sustainable, and decentralized
- Smart contract deployment and hosting via "Codius platform" like or use of Hooks, useful for fast and efficient validation of transactions regarding proof generation and verification
- XRPL Protocol Consensus Algorithm, for high levels of scalability
- Lot of documentation, big community all around the world
- XRPL native cryptocurrency (XRP) can be used as a bridge currency for currency conversions, enabling transactions between different currencies without the need for multiple intermediaries, reducing transaction fees, and increasing transaction speed. Useful for business focus use cases.

GTM STRATEGY

Individuals



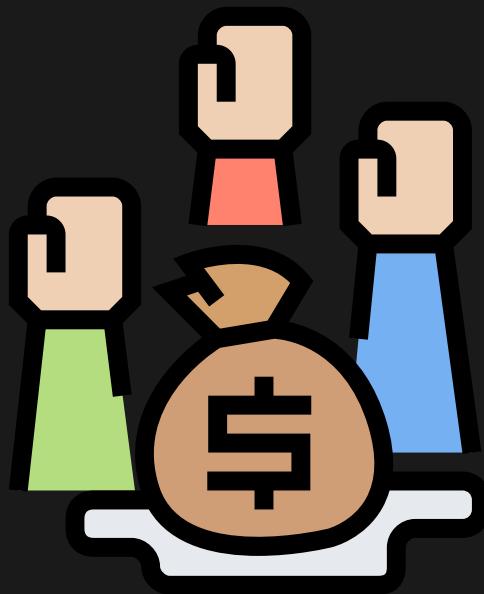
- Renting
- Loans
- Gaming

Buisnesses



- Supply chain
- Investments

Non-profit Organizations:



- Charitable donations
- Crowdfunding

Financial Institutions



- Insurance
- Loans

ROADMAP :

Here are some of the following steps for our project

Q3 2023	Q4 2023	Q1 2024	Q2 2024
Dev. a front-end isolated environment where programs have access to a limited set of capabilities, determined by the permissions they were granted by the user during installation	Audit and full use case integration: apartment renting, charitable donations, investments Creation of an XRPL indexer	Creation of a fund transfer channel using zk technology	First partnerships and integrations with protocols, real word business...

OUR TEAM MEMBERS



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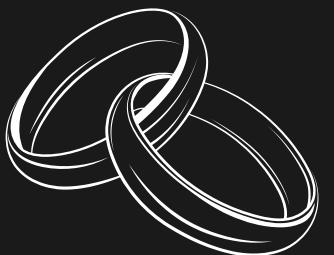


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THANK YOU FOR YOUR ATTENTION

XRPL



SOLVENCY

