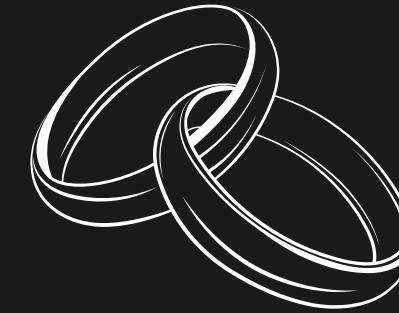


RIPPLE



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

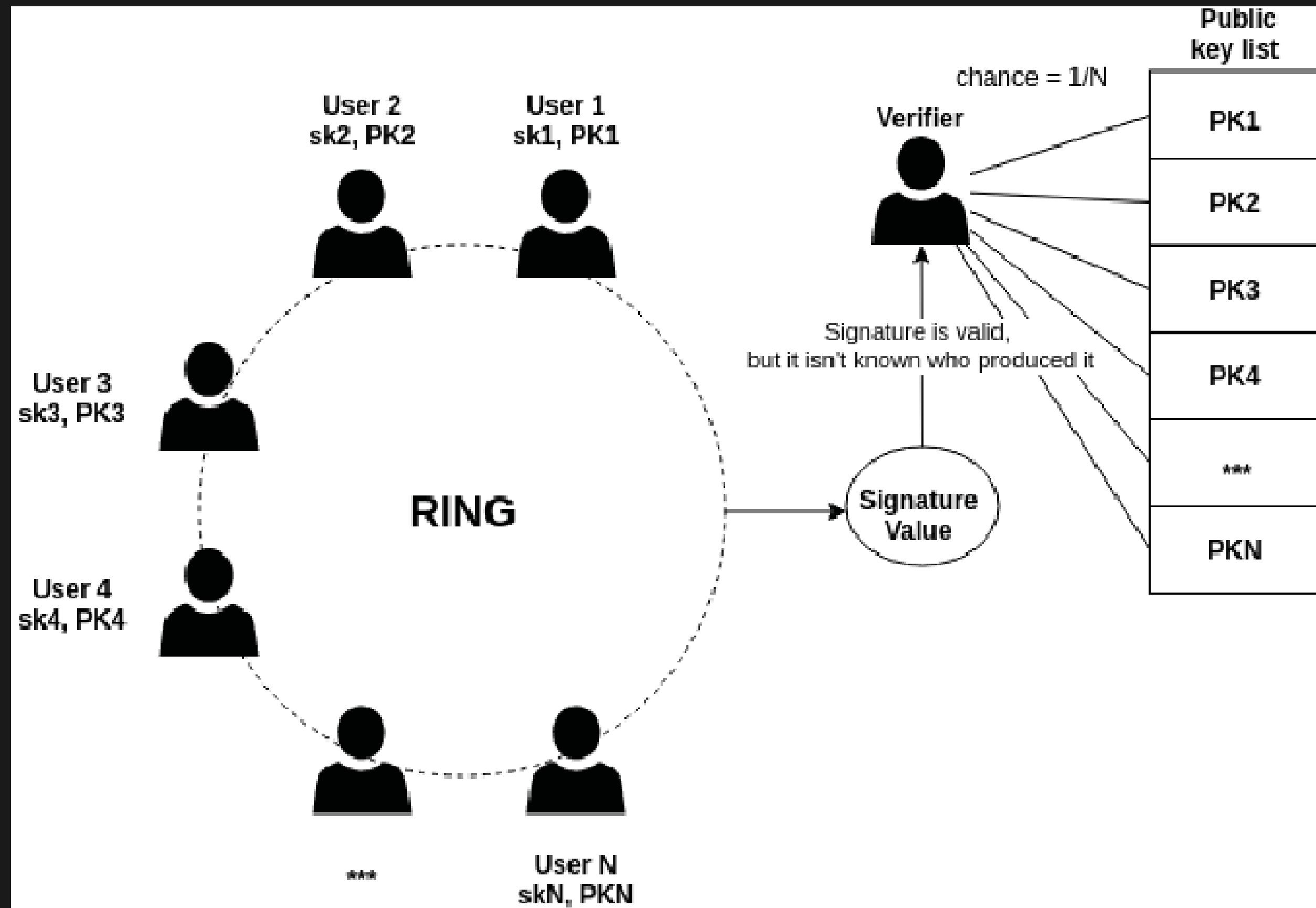
XRPL Friendly

Scalable

**Secured by advanced
cryptography**

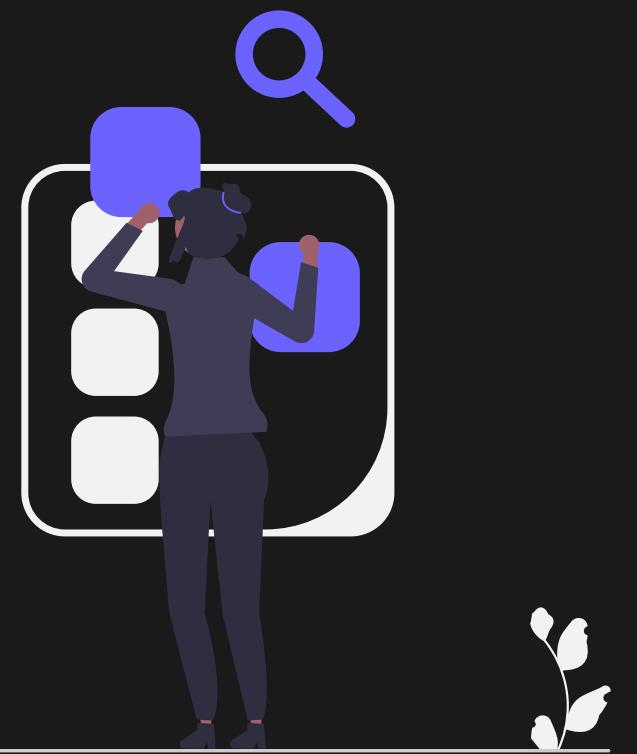
How do we use it? For what ?

RING SIGNATURES ?

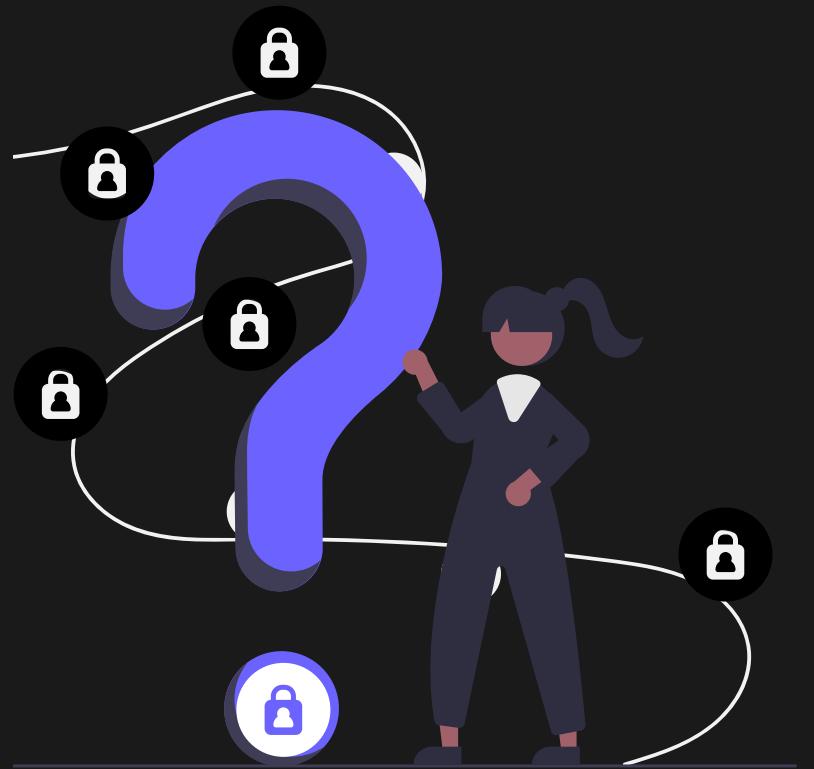


USE CASE

Alice



Bob



HOW IT WORKS IN 3 STEPS

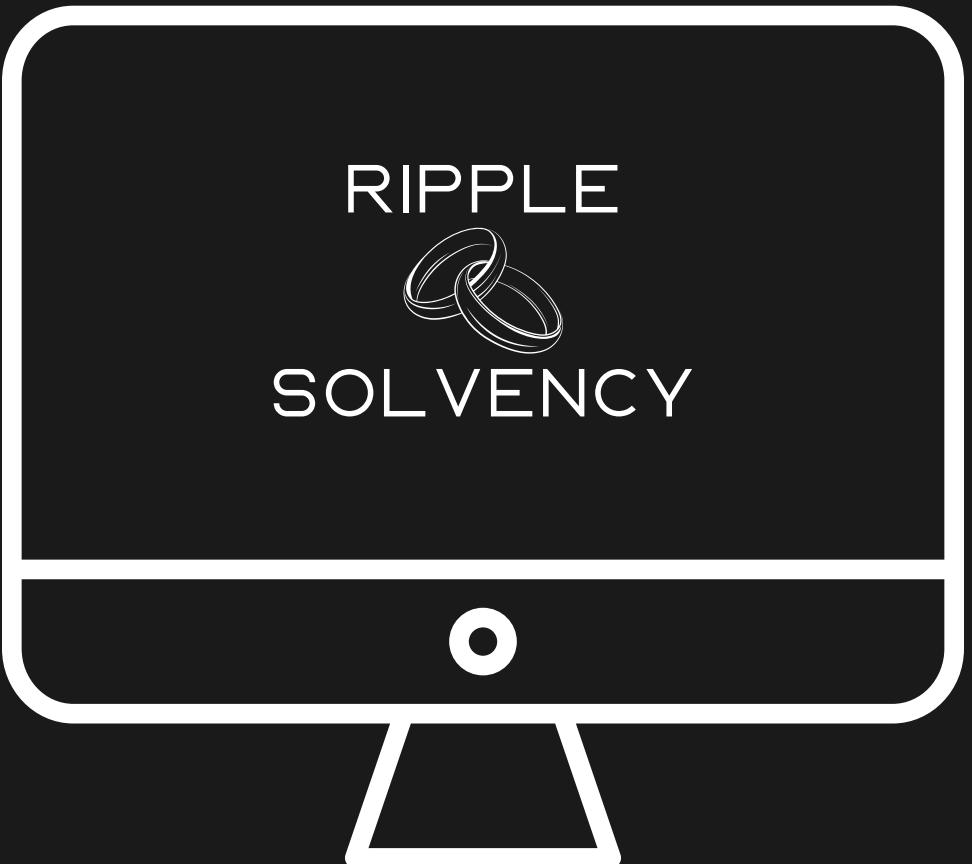
Step 1: Generating the solvency proof



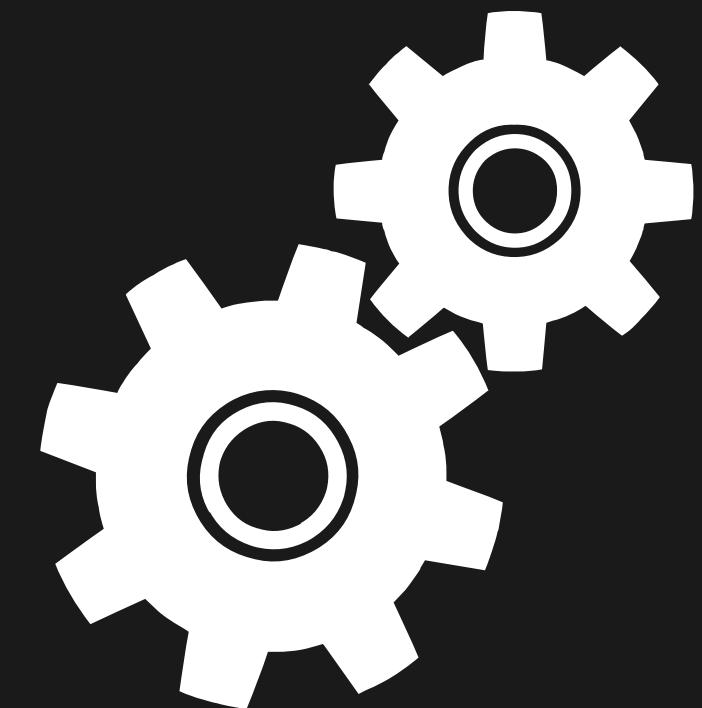
ALICE



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



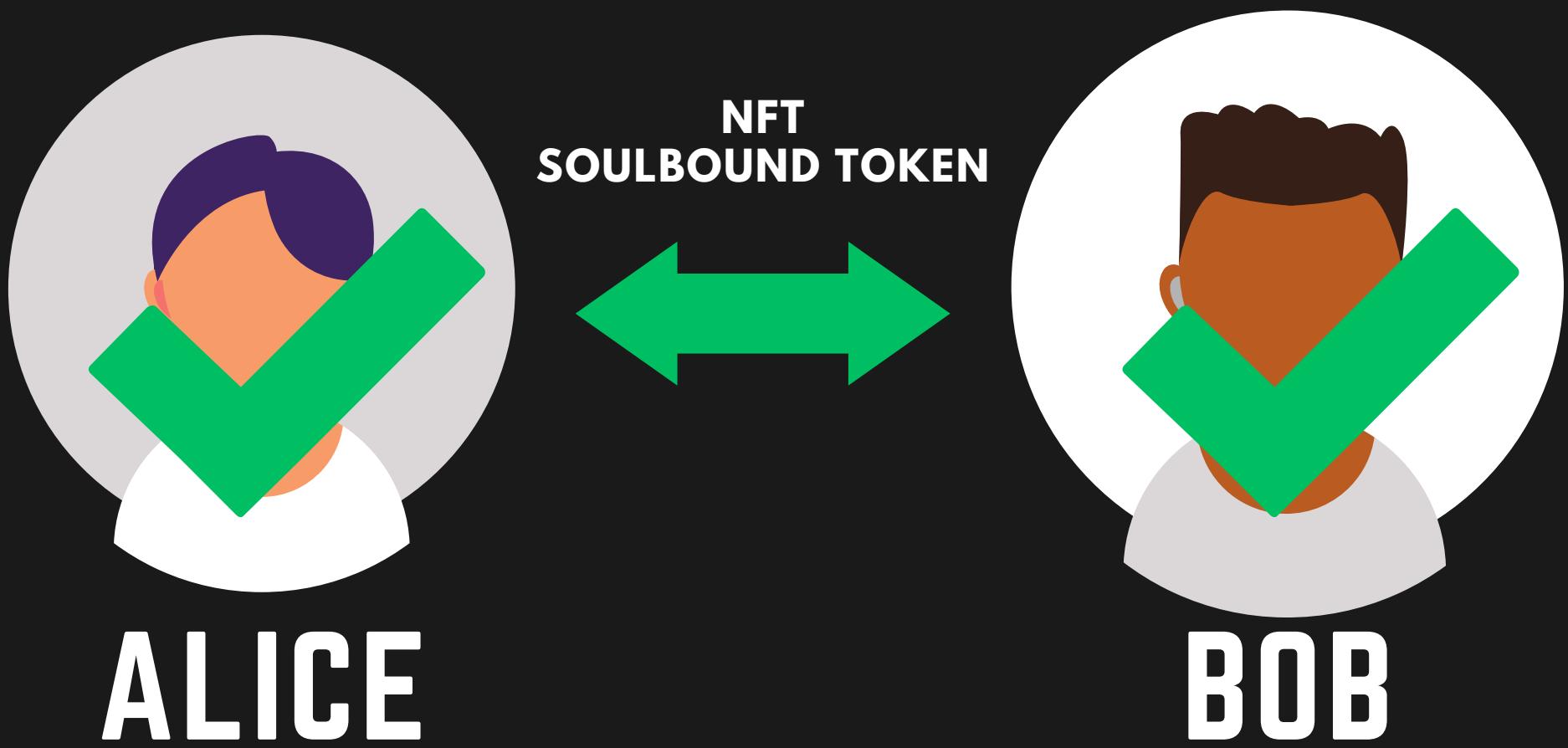
PROOF



**ON CHAIN
VERIFIER**

HOW IT WORKS IN 3 STEPS

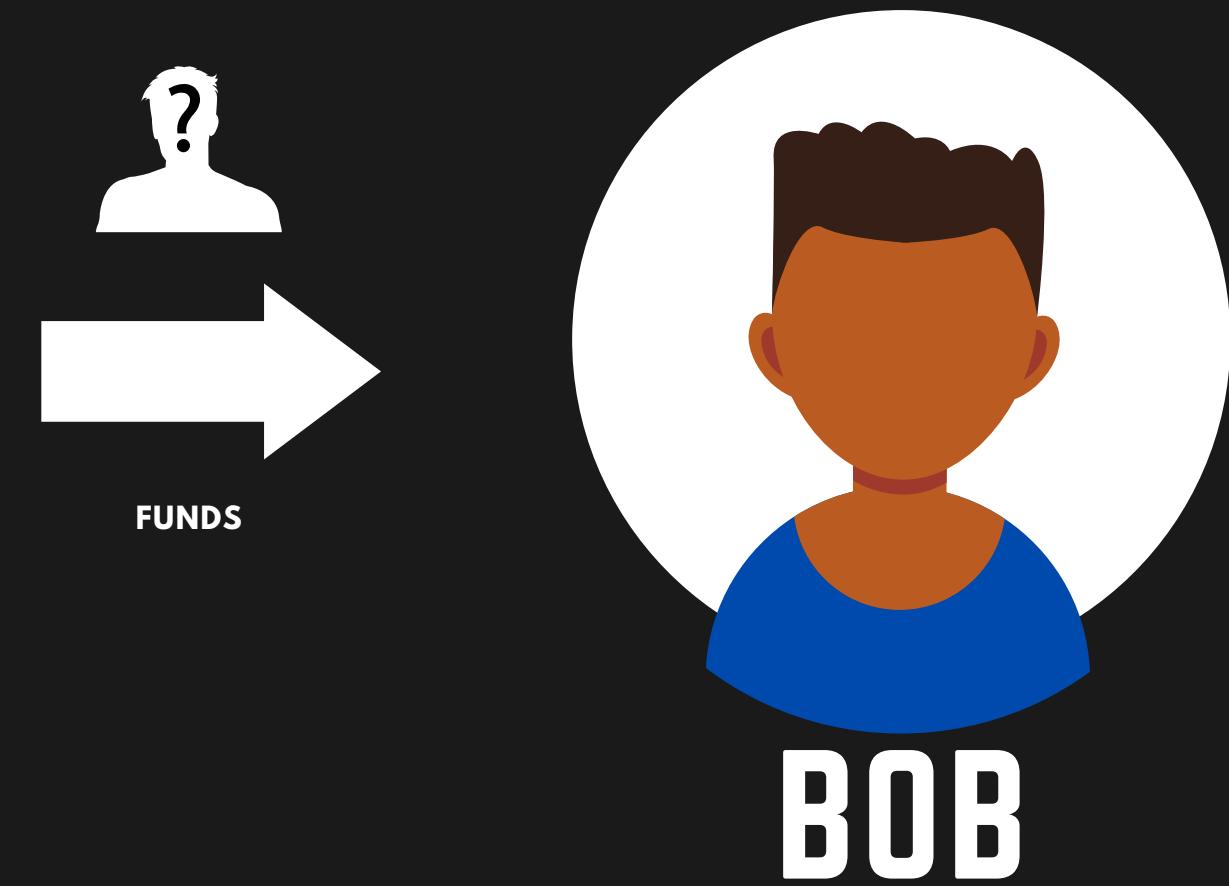
Step 2: Agreement



HOW IT WORKS IN 3 STEPS

Step 3: Transferring the funds

RIPPLE
SOLVENCY



WHY IS RIPPLE A GOOD FIT?



- Blockchain solution that is specifically **designed for the transfer of financial assets**
- Smart contract deployment and hosting via "Codius platform" like, useful for fast and efficient validation of transactions regarding proof generation and verification
- Ripple Protocol Consensus Algorithm (**RPCA**), for high levels of scalability
- Cross-border payments and remittances, which means that it is well-suited for use cases that involve international transactions and the need for privacy and security.
- Ripple's XRP cryptocurrency 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

GTM STRATEGY

Individuals



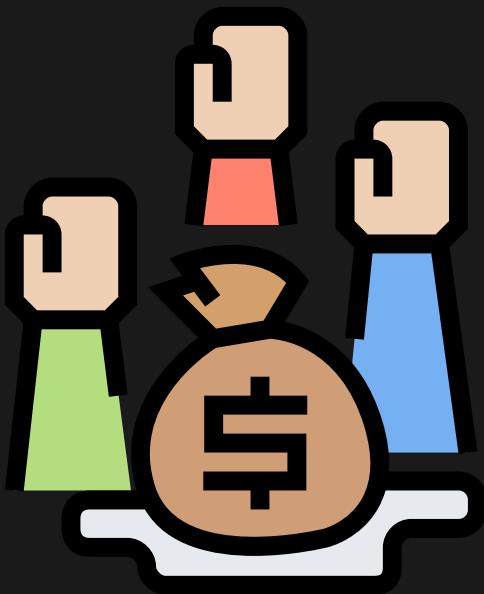
- Renting
- Loans
- Gaming

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 indexer	Publishing cryptographic libraries for XRPL based “solvency proof” generation and verification	First partnerships and integrations with protocols, real word business...

OUR TEAM MEMBERS



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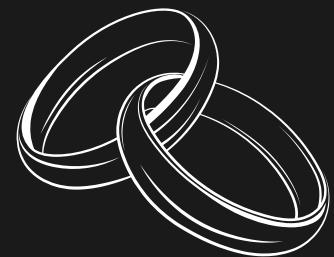


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THANK YOU FOR YOUR ATTENTION

RIPPLE



SOLVENCY