Knocks

https://github.com/knocks-public

Introduction

Inro: Zero-Knowledge Proof Age Verification System. Proving age without compromising personal information

Problem Statement

Age checks often reveal too much personal information like your name, address, and photo. This harms your privacy and raises the risk of data theft.

Innovative Solutions

Show a QR code on your smartphone instead of an ID. That's it. No extra devices needed. Zero-knowledge proofs confirm age without revealing personal details.
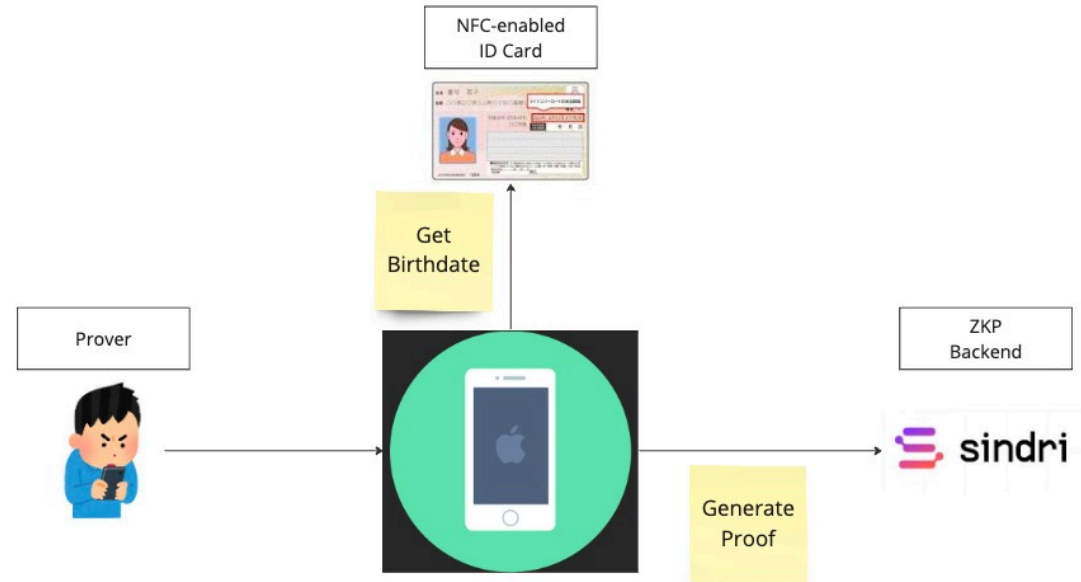
How It Works

- **For Users**:

  1. **Scan ID**: Users scan their ID using the Inro app.
  2. **Generate QR Code**: The app generates a QR code that proves their age.

- **For Verifiers**:

  1. **Scan QR Code**: Verifiers scan the user's QR code.
  2. **Confirm Age**: They confirm the user's age without seeing other personal details.

System Overview

Size Of Market

- In 2023, the eKYC market was valued at $673.2 million.
- It is projected to reach $3,398.5 million by 2032, with a CAGR of 19.71 percent.
- Inro can replace traditional eKYC processes for age and identity verification by offering:

Source: IMARC Group

Our Collaborations

Inro use Sindri for ZK backend service.

Business Model

- **Revenue Streams**:
  - **B2B**: Replace manual age verification at venues, reducing labor costs.
  - **Advertising**: Cover gas fees with targeted ads for free users.
  - **Premium Users**: Offer device-based ZK verification and ad-free experience.

Timeline

Q3 2024

Q4 2024 **Q1 2025**

Q2 2024 Ensure

compliance

Develop with

initial regulations

Prototype

Trial alpha

release

Improve

based on

user

feedback

and

Launch V1

and

promoting

our

product

Q2 2025

Support

Device ZK

verification

Use of funds

50%

Product Development
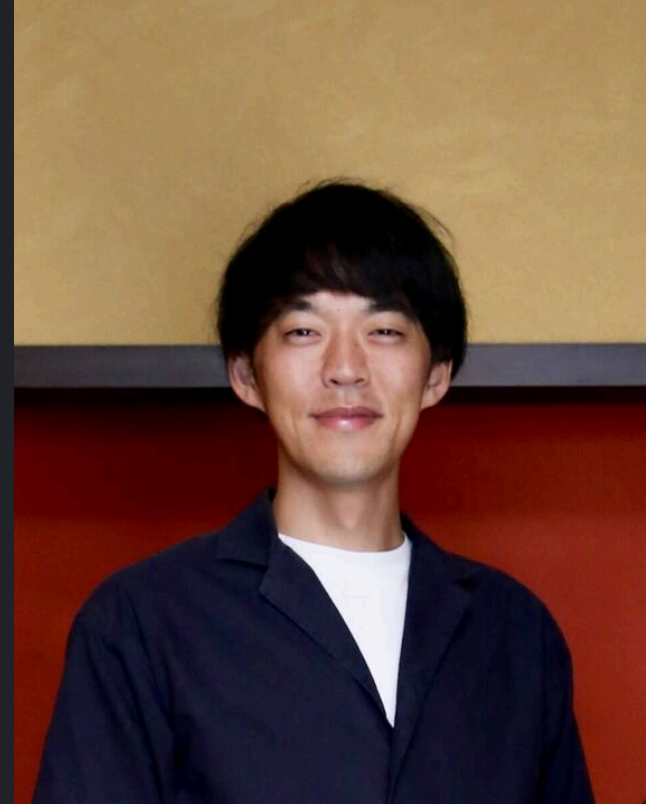
30%

Marketing and Sales

20%

Team Expansion

Meet the founders

Susumu Tomita

Co-Founder

Software Engineer

Shingo Takagi

Co-Founder

Software Engineer

Thank you

for your time and attention.