

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

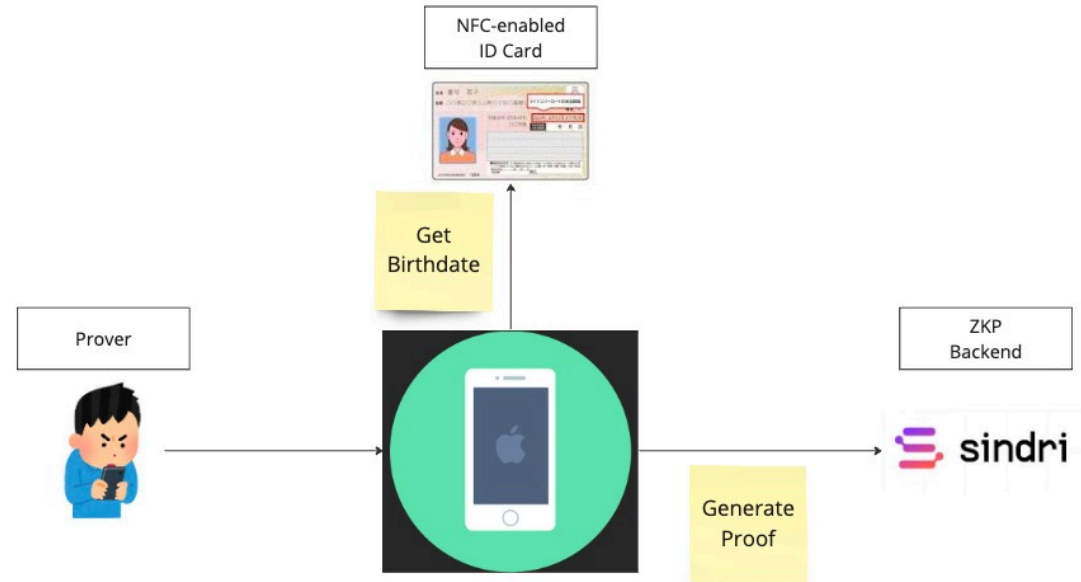
- **For Users:**

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

Intro 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

Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025
Develop initial Prototype	Ensure compliance with regulations Trial alpha release	Improve based on user feedback	Launch V1	Support Device ZK verification

Use of funds

50%

Product
Development

30%

Marketing and
Sales

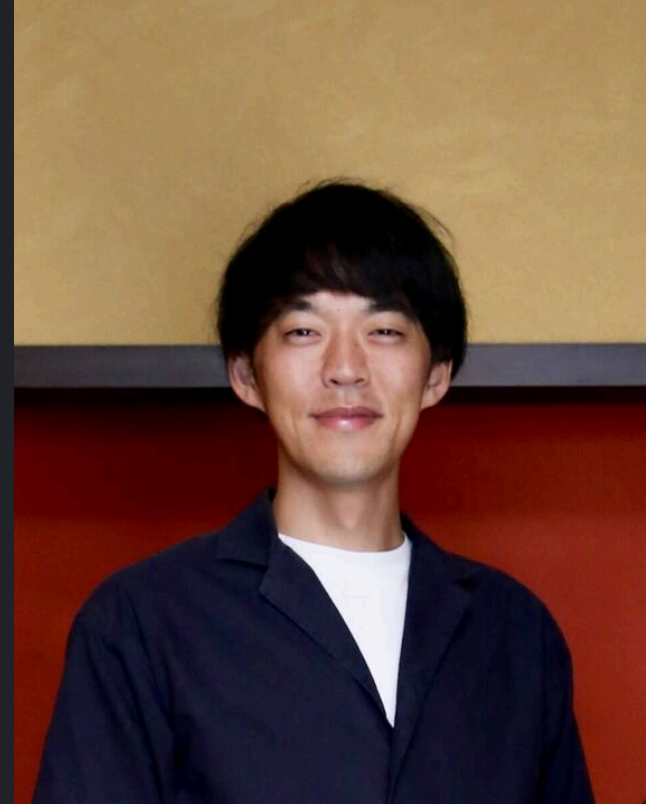
20%

Team Expansion

Meet the founders



Susumu Tomita
Co-Founder
Software Engineer



Shingo Takagi
Co-Founder
Software Engineer

Thank you

for your time and attention.