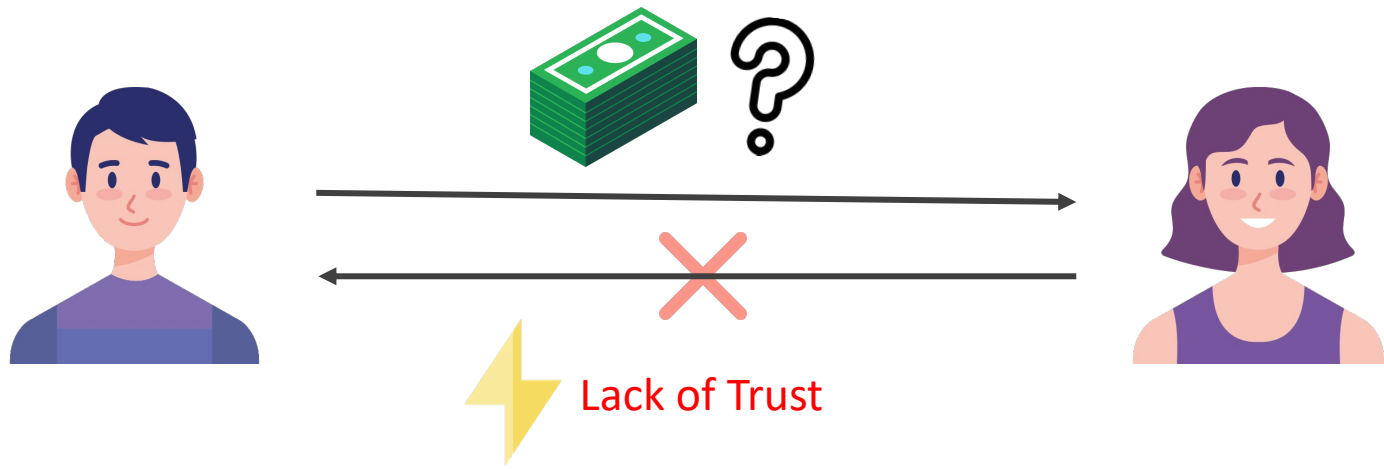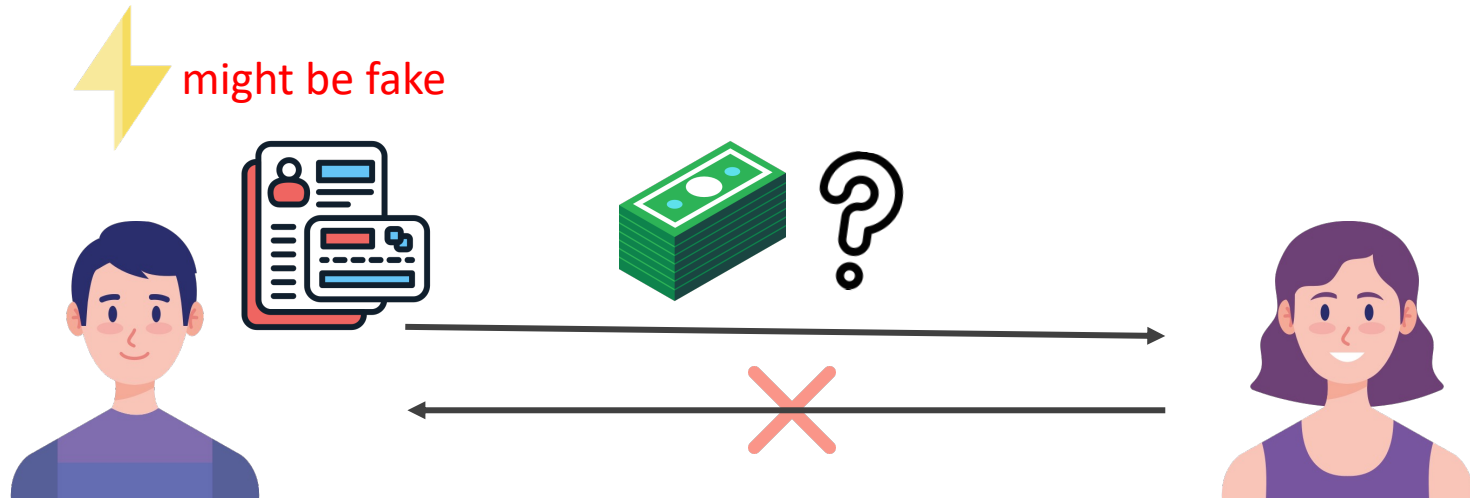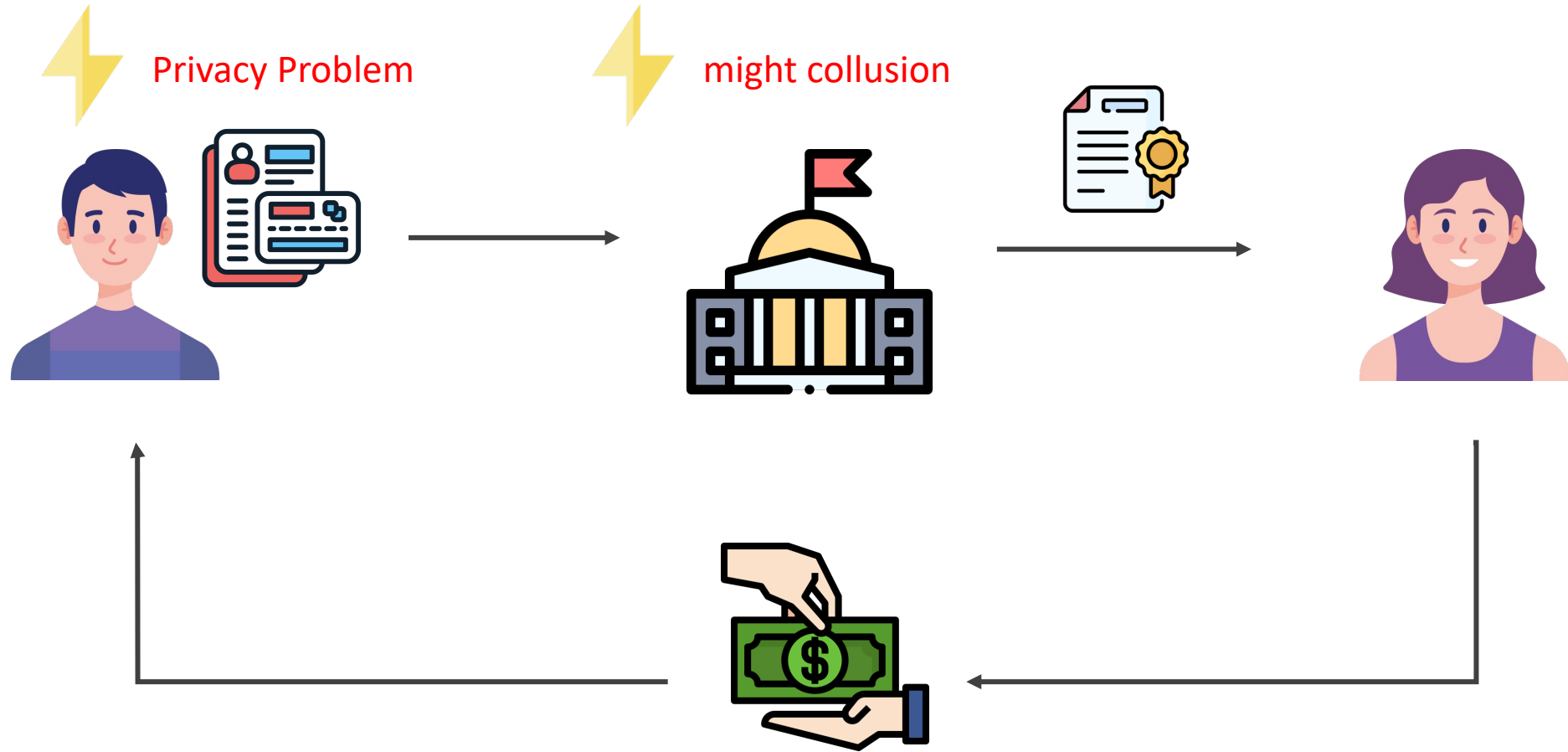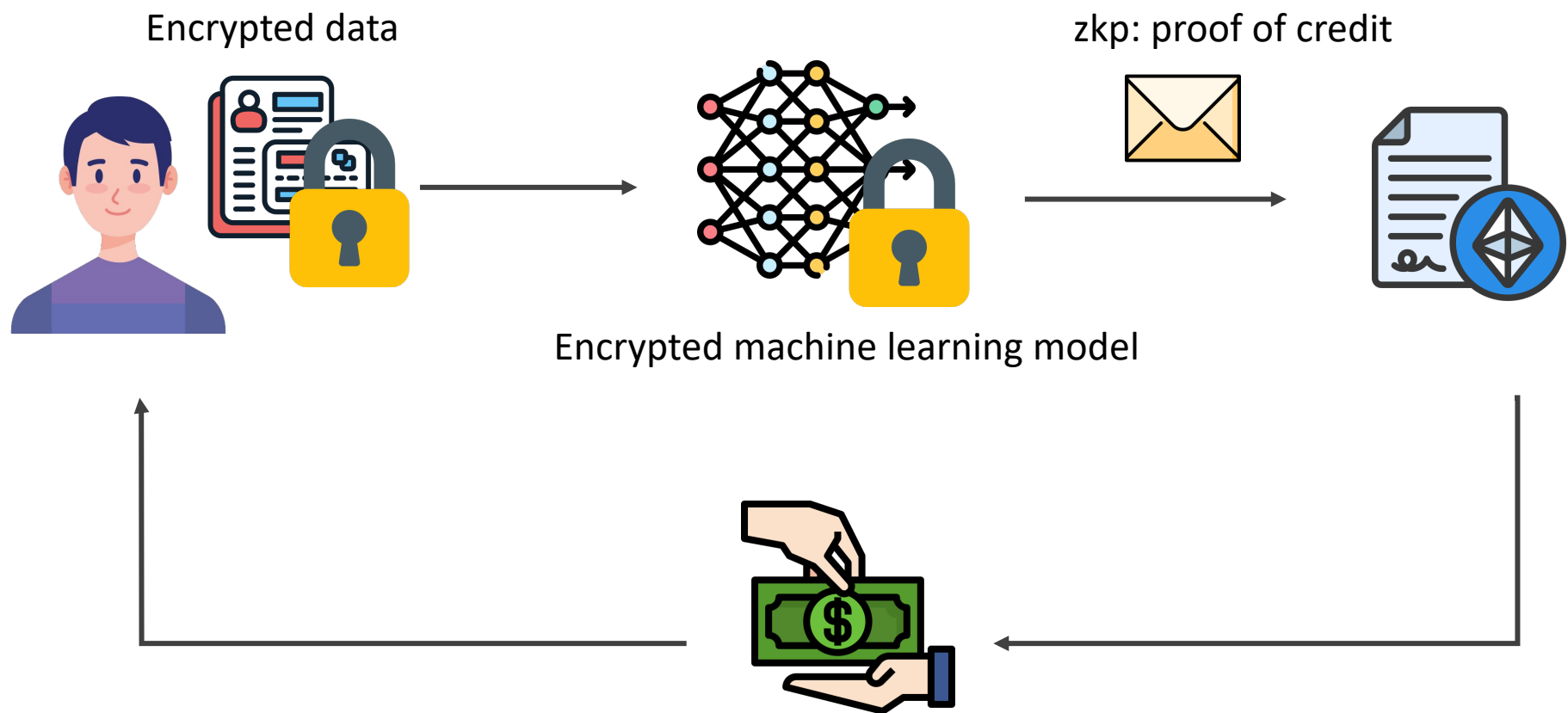# ZKredible

Using Fully Homomorphic Encryption (FHE) and zkML technology to create a credit record evaluation system that is resistant to censorship and safeguards privacy.

Lack of Trust

might be fake

Privacy Problem

might collusion

Encrypted data

zkp: proof of credit
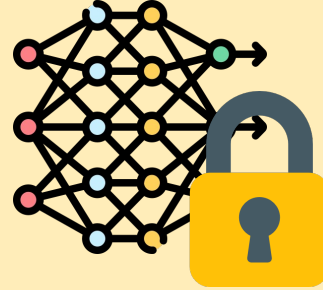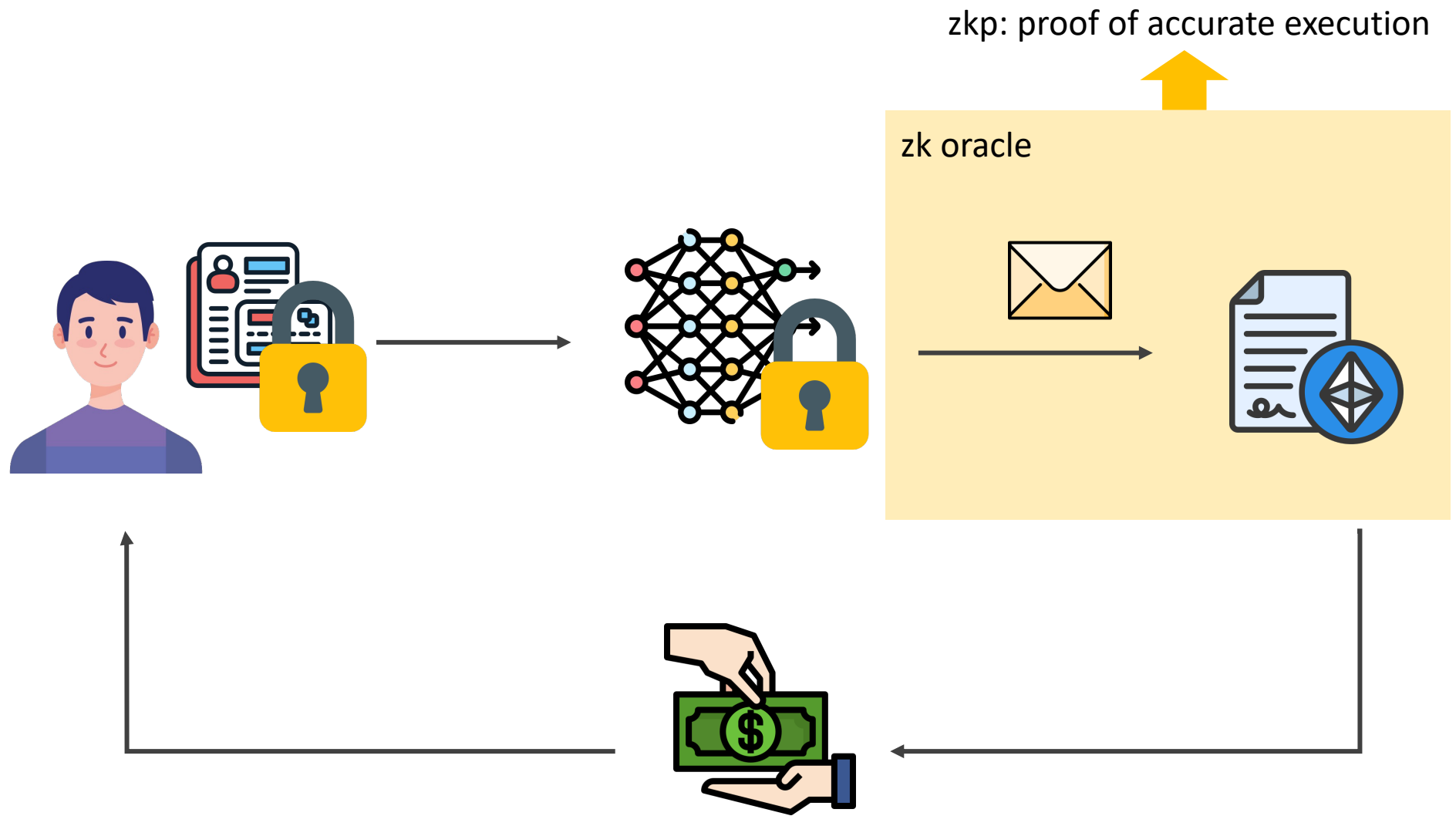
Encrypted machine learning model

zkp: proof of inference

FHE(Fully Homomorphic Encryption) on machine learning

Encrypted data

Encrypted model

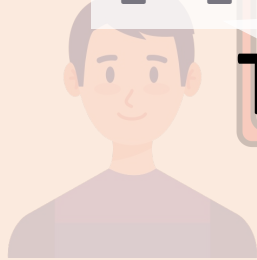zkp: proof of accurate execution

zk oracle

TenSeal + EZKL

Hyper Oracle(zkGraph)
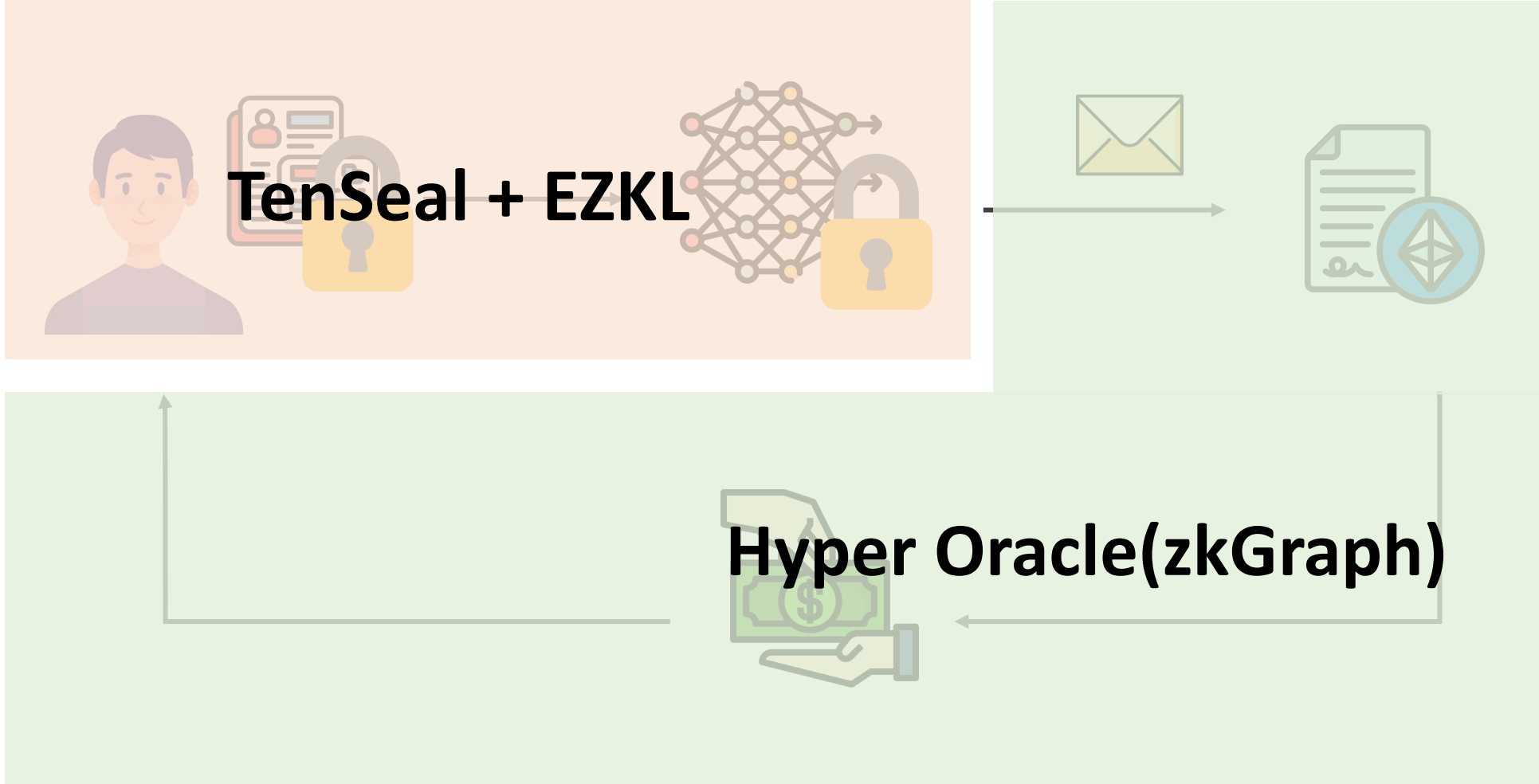
Current Limitation

Security of the overall system

Depth of the model

TenSeal + EZKL

more native and smoother interaction

Flexible model type support

Hyper Oracle(zkGraph)
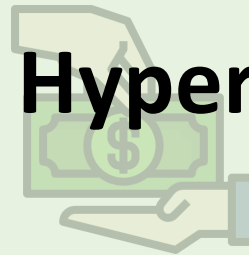
Our Future Work

Attack and Anti-attack

Build a FHE model Pool

TenSeal + EZKL

Open Source Project 😆

Hyper Oracle(zkGraph)