

EIDCOIN

A PURPOSE BOUND STABLECOIN

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OVERVIEW

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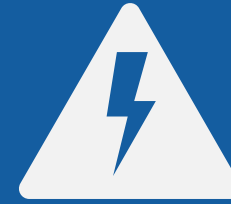
The Current Situation



- Large waves of refugees
- 30,223 Asylum seekers in 2023
- 20% Increase from 2022



- Each asylum seeker receives financial aid
- CHF 380 M – 475 M



- Flawed system
- Reduces Local Spending
- Anti-Competitive

Our Solution



**Our solution as a digital
payment system for refugees**

**Limited to a network of
partnered companies**

**Used to buy all goods offered at
the store**

Eidcoin Network



What shops are included?

1st Phase

- Essential goods stores selected initially
- For example:
 - Migros
 - Amavita
 - Non-Profit Stores



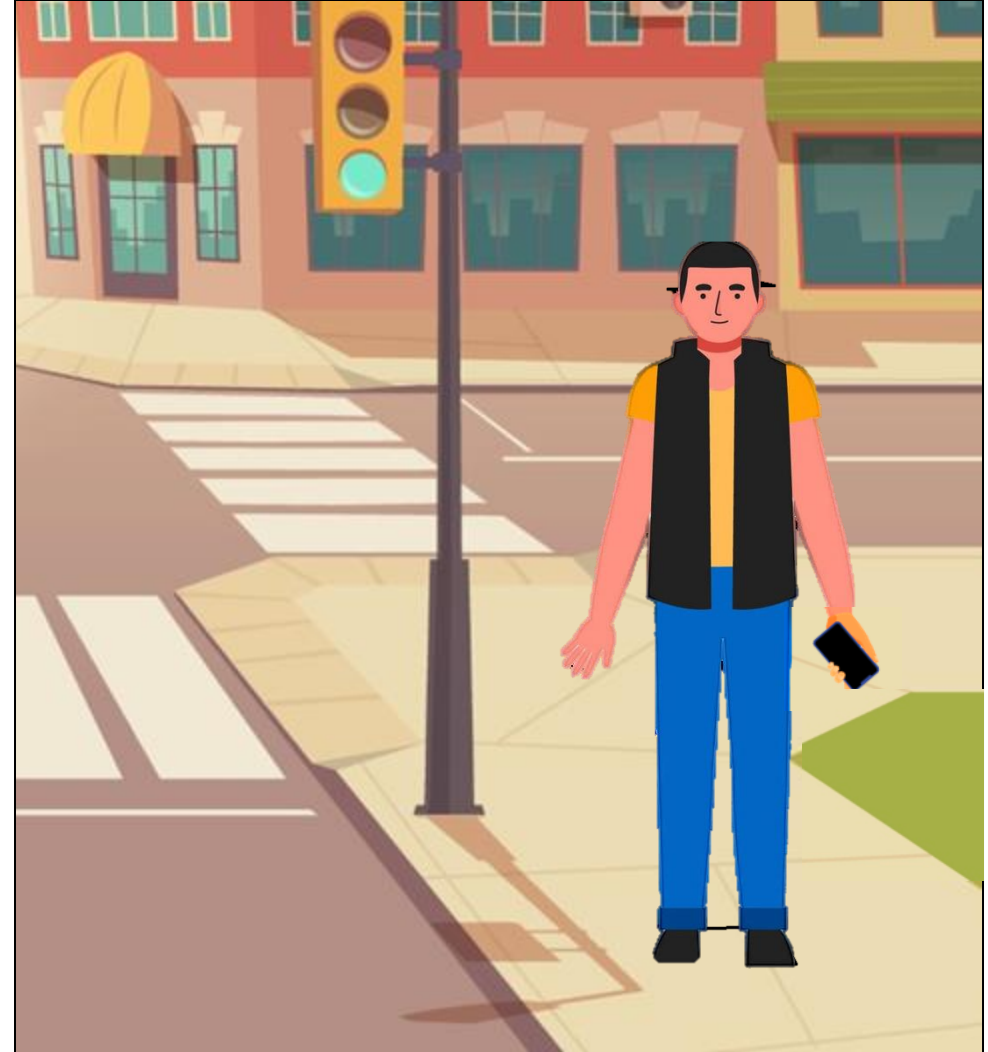
2nd Phase

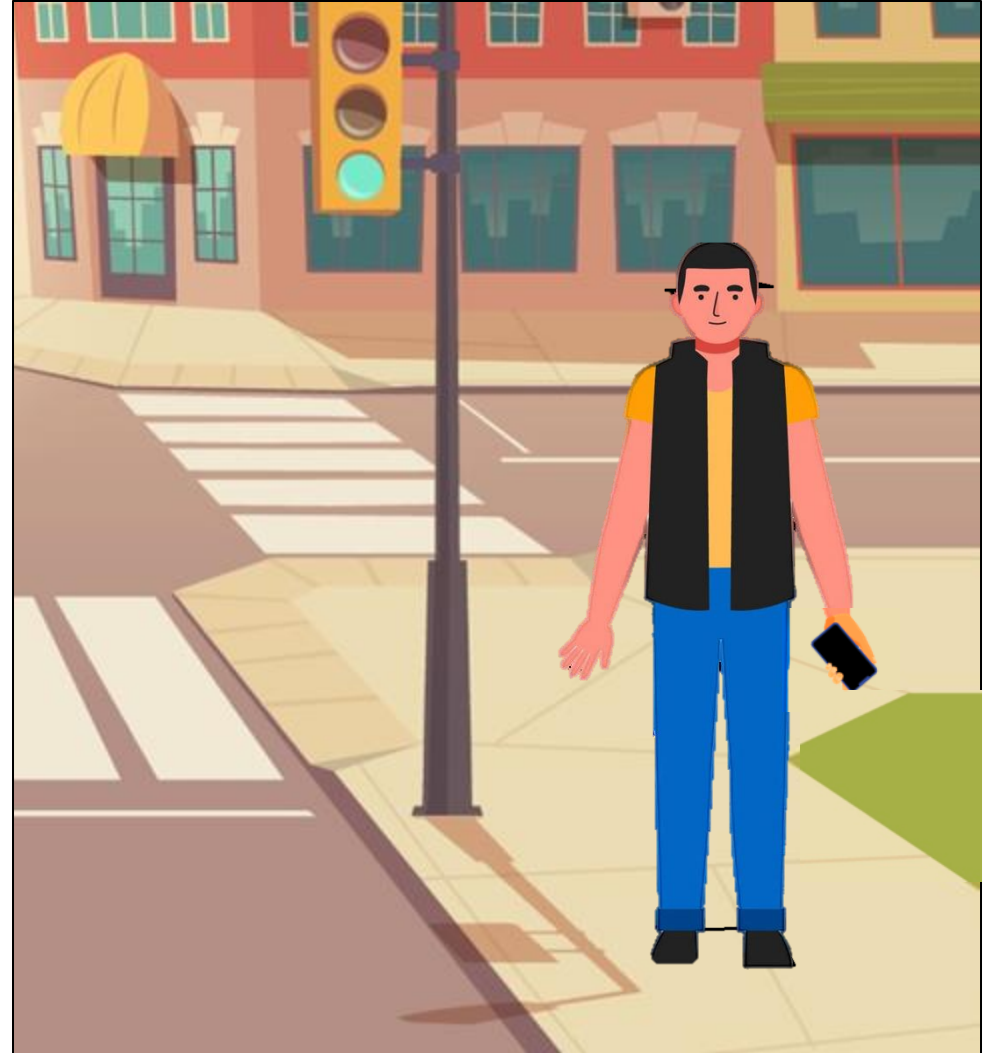
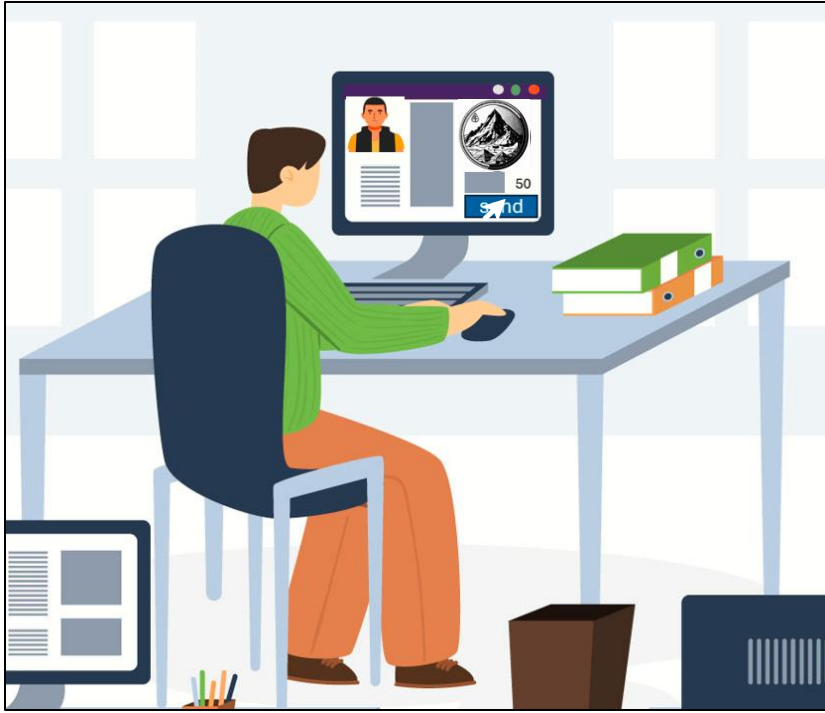
- Hold an application for shops to join the network
- Due Diligence on applying companies
 - Essential goods sold
 - Reputation
 - Compliance and Regulation

Eidcoin Network

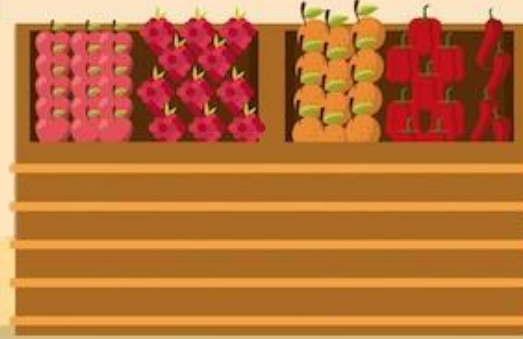








S ´Lädeli vo de
Anette





9:41



[Home](#)

[New Account](#)

Login

Username

Password



9:41



[Home](#)

[New Account](#)

Login

Username

Password



Transaction
confirmed



9:41



Balance:
50 Eid-some



Pay

Filters



S'Lādēli vo de Anette

E - 2.25

Transaction ID
698094554317

17 Sep 2023 11:21 AM



Volg Witterswil

E - 4.55

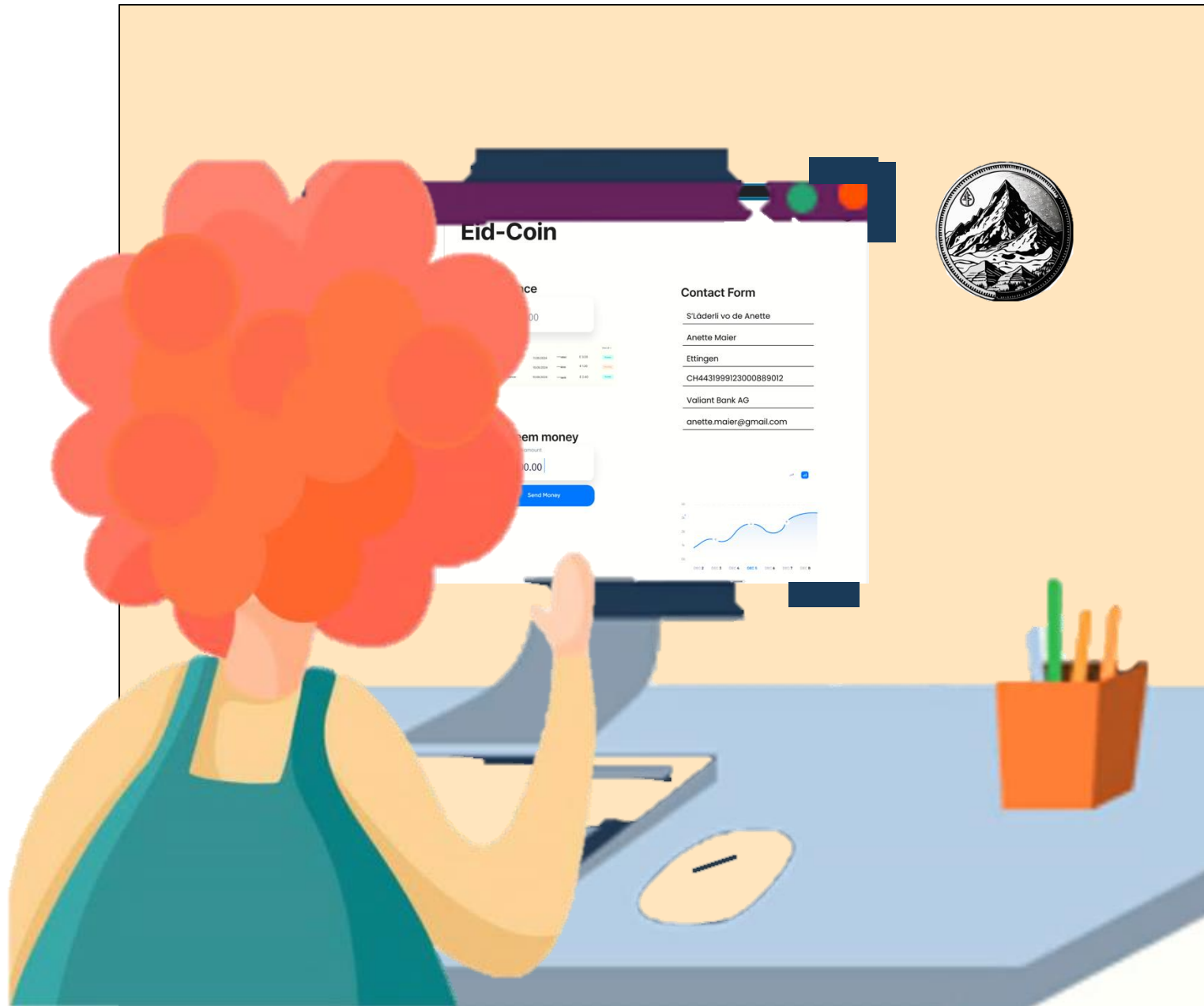
Transaction ID
564925374920

17 Sep 2023
10:34 AM

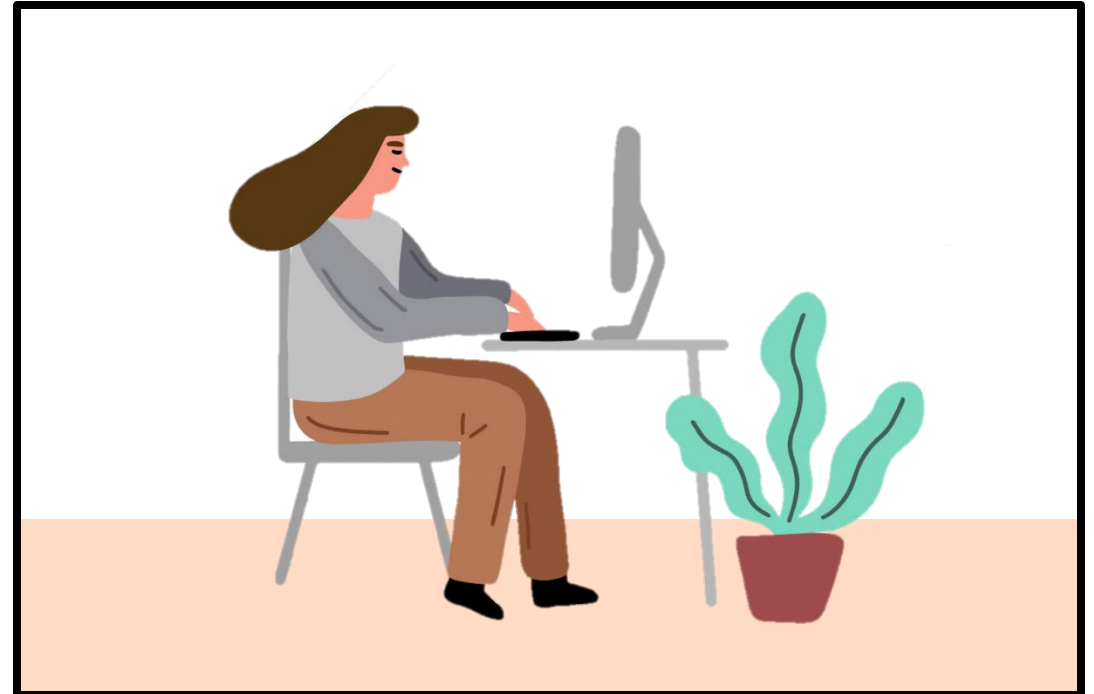
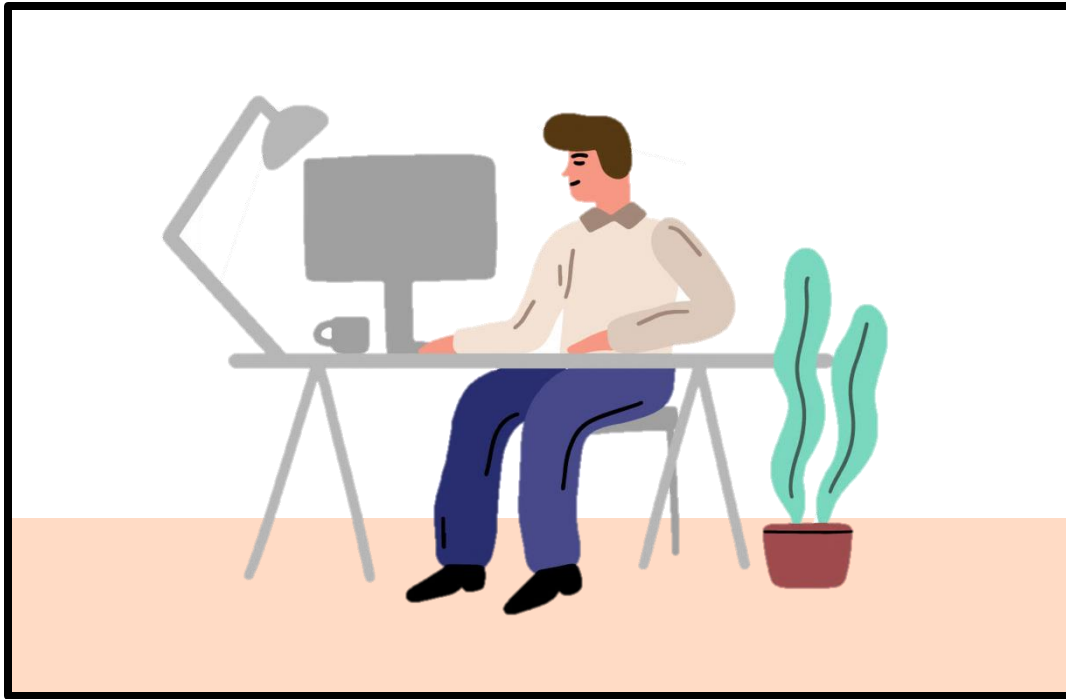


If you pay now,
only CHF 500

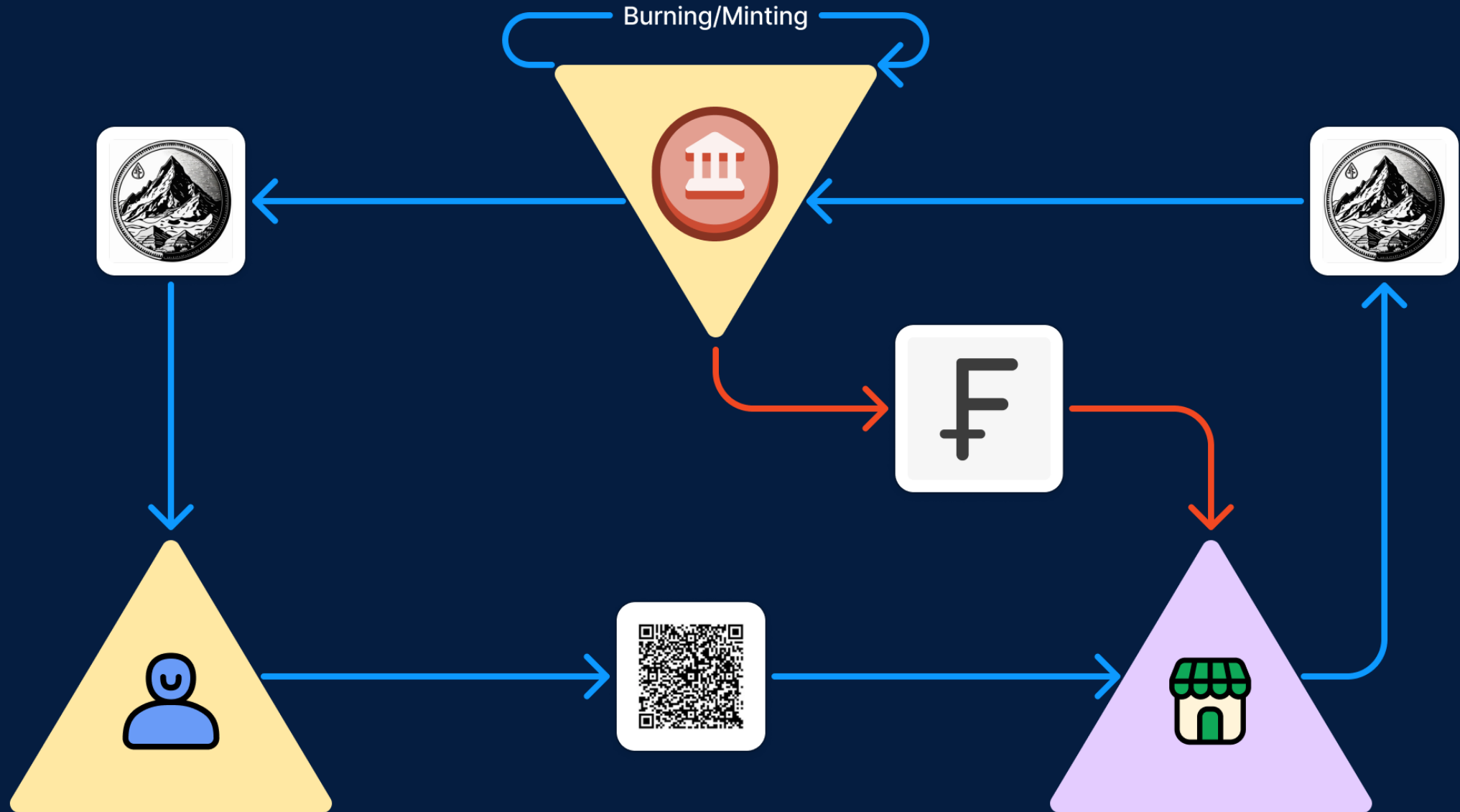




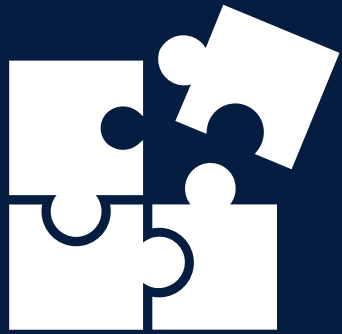
The Public



System Overview



Blockchain Basics



Permissioned



EVM



Account-Based

Why Blockchain and Smart Contracts?

Blockchain vs. Database

- A system using a database is a viable option
- Both allow for auditability
- Blockchain allows for greater transparency
 - Execution nodes can be used for publicly accessible view-points

Smart Contracts vs. Hard Code

- Smart contracts allow for modularity and flexibility for:
 - Ease of upgrades
 - Customization
 - Reusability
- Governance and Auditability
 - Transparent Governance

Role Based Access Control

	View	Mint/Burn	Freeze	Upgrade	Transfer	Receive	Redeem
Government	✓	✓	✓	✓	✓	✓	
Businesses	✓				✓	✓	✓
Refugee	✓				✓	✓	
Public	✓						

Smart Contract Extensions



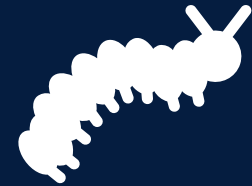
Minting



Burning



Freezable



Upgradeable

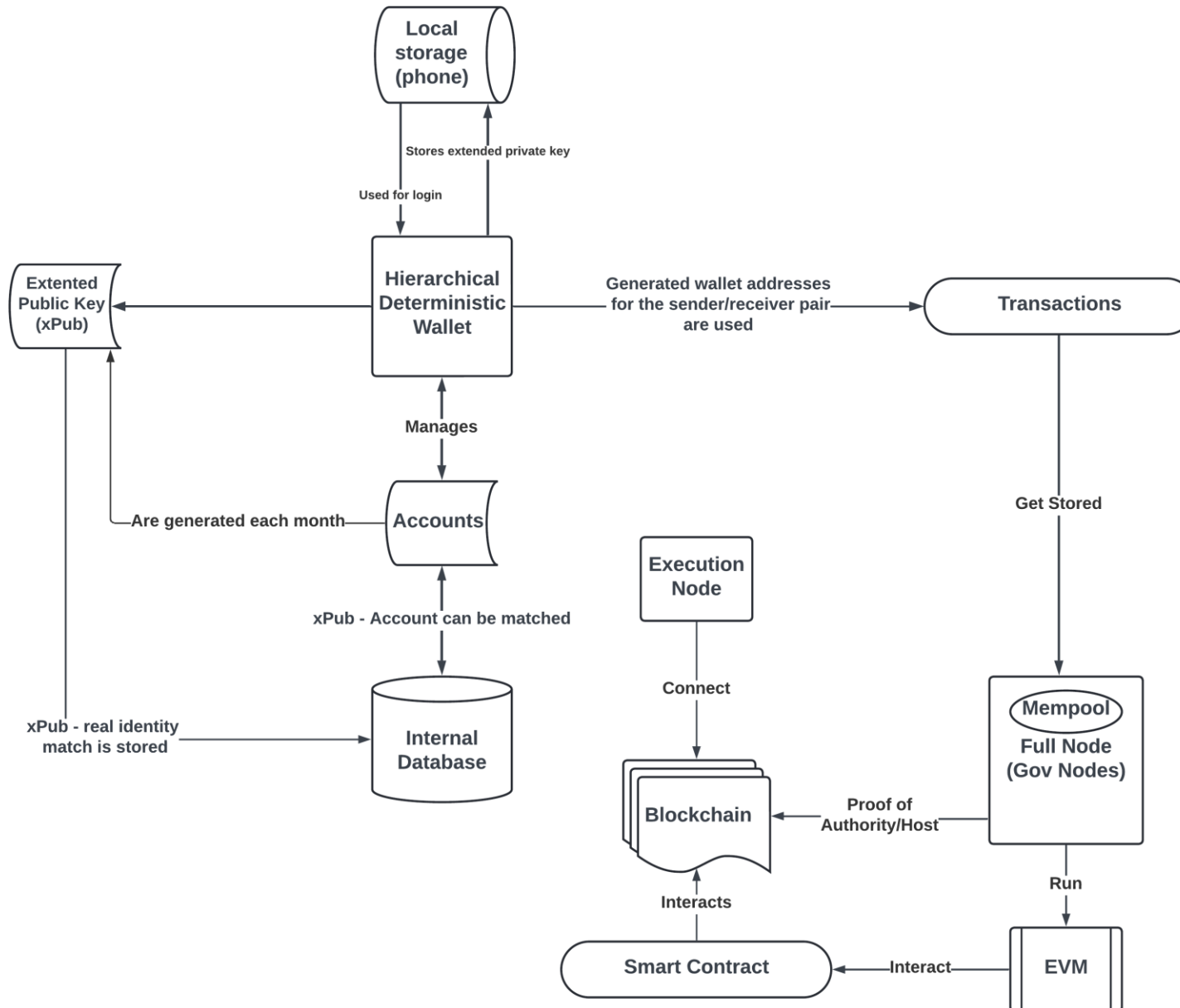
The Trade-Off

Privacy




Transparency


Technical Overview



Demo of Eidcoin




DEPLOY & RUN
TRANSACTIONS

 Custom

3000000

VALUE

0



Wei

CONTRACT

MvToken - MvToken.sol







To interact with a deployed contract, either enter its address and compile its source *.sol file (with the same compiler settings) or select its .abi file in the editor.

At Address

Load contract from Address

Transactions recorded **113**

Pinned Contracts (network: vm-cancun)

 Home

MyToken.sol

```
1 // SPDX-License-Identifier: MIT
2 // Compatible with OpenZeppelin Contracts ^5.0.0
3 pragma solidity ^0.8.20;
4
5 import "@openzeppelin/contracts/token/ERC20/ERC20.sol";
6 import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Burnable.sol";
7 import "@openzeppelin/contracts/access/AccessControl.sol";
8 import "@openzeppelin/contracts/token/ERC20/extensions/ERC20Permit.sol";
9
10 contract MyToken is ERC20, ERC20Burnable, AccessControl, ERC20Permit {
11     bytes32 public constant G = keccak256("G");
12     bytes32 public constant S = keccak256("S");
```

0


☐ Listen on all transactions

Filter with transaction hash or address


CALL [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: MyToken.balanceOf(address)
data: 0x70a...cabab

CALL [call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: MyToken.totalSupply()
data: 0x181...60ddd

Initialize as git repo

 **Did you know?** To prototype on a uniswap v4 hooks, you can create a Multi Sig Swap Hook workspace. Template created by the cookbook team.

Remix Copilot (enabled)

 Scam Alert

Comparison of Systems

	Eid-Coin	Payment Cards	Current System	Food Stamps
Competitive	✓	✓	✓	
Limits Area	✓	✓		✓
Transparent for Government	✓	✓		" ✓ "
Transparent for Taxpayer	✓			" ✓ "

Why Choose Eidcoin?

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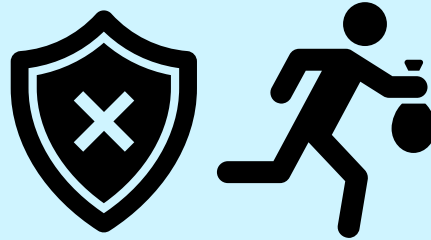


**A modern
approach to
social welfare
benefits**

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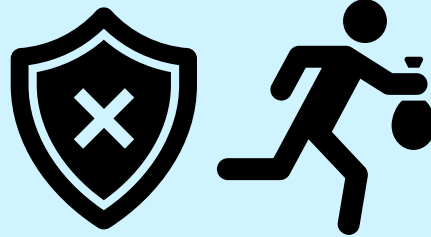


**Reduced Risk
for Fraud**

Why Choose Eidcoin?



**A modern
approach to
social welfare
benefits**



**Reduced Risk
for Fraud**



**A platform
YOU can
trust**

Thanks For Watching

Your Team Eidcoin

References

Informations for Story:

https://d.docs.live.net/afca92a23c9e5793/Desktop/Blockchain%20Challenge/Vortrag%202.docx#_ftnref1

Pictures of Story: www.freepik.com

Sounds of Story: www.pixabay.com

Graphs of System overview Graphs: www.figma.com

Overviews: Lucid Chart

Picture of Fabian: <https://www.transfermarkt.ch/fabian-schar/profil/spieler/135343>

Image of Eid-Coin: Midway Journey prompt

Data on Immigration flow <https://www.migrationpolicy.org/article/switzerland-immigration-politics-policy#:~:text=Looking%20at%20migration%20flows%E2%80%94the,of%20the%20war%20in%20Ukraine.>

<https://ecre.org/aida-country-report-on-switzerland-2023-update/#:~:text=In%202023%2C%2030%2C223%20people%20applied,asylum%20applicants%20were%20unaccompanied%20minors>