

Draft 1

Evolution of Private Transactions User Stories

This document outlines the iterative refinement of user stories for Private Transactions, a way of privately sending transactions to each other, which hides you from on-chain analysis companies.

Private Transactions (PoC)

Project Name: Zxyzv

Value Proposition:

Our protocol tries to hide your state and transactions so that big analysis companies can't label your accounts.

Product-Market Fit:

You always need some kind of KYC when you onramp some funds into Solana. Mixers don't always help with privacy because you could be labeled directly a malicious actor. So privacy should be implemented directly on Solana.

Target User Profiles:

- **Developer:** This user wants to create private applications on Solana.
- **Privacy minded person:** This user wants to hide their transactions, because he/she doesn't want to get labeled by on-chain analysis companies.
- **People in countries where crypto is banned:** This user is concerned about getting jailed or fined because he/she was using crypto.

User Story ID: ZXY-001

1. User Persona

Name: John

Role: Person in crypto banned country

Goal: Do worldwide crypto transactions on Solana.

2. User Story As a person in a crypto banned country i want to be able to make transactions without being labeled by my country.

3. Acceptance Criteria

Functionality:

- The platform allows users to deposit funds and send funds to recipients.
- Users can select what token they want to transact.

- The platform will look into supporting confidential tokens.

User Interaction:

- User can choose who to exchange from.
- User can now transact token or messages

Security:

- Recipient should be verifiable.
- Data should be private.

4. Priority: High**5. Technical Notes (for Developers)****Dependencies:**

- Recipient needs to not declare the sender to the nation state.
- Token can't have a revoke authority

Considerations:

- Adding confidential token standard
- ZK-proofs