

# Proposal: AI Assistant Manager for Ergo Wallet

## 1. Project Title

AI Assistant Manager - An AI-powered assistant for Ergo wallets that helps users scan wallet addresses before sending transactions.

## 2. Problem Statement

Many users have accidentally sent ERG to scam addresses or wrong addresses due to copy-paste errors or malicious address replacement by malware. This results in loss of funds with no recovery mechanism.

## 3. Solution

We propose an AI assistant embedded in Ergo wallets that automatically scans the transaction recipient address and provides a warning if the address has been reported as scammy, newly created, or has suspicious transaction history.

## 4. Features

- Address risk scanner (based on blacklist & heuristics)
- Transaction history viewer popup before sending
- Balance & warning display for target address
- Telegram bot integration for quick reports

## 5. Tech Stack

- ErgoScript smart contract (optional)
- Python or JavaScript (backend logic)
- HTML/CSS for wallet UI popup

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- Integration into existing Ergo wallet apps

### **6. Team**

Dm31# (designer, concept) & Pt40 (assistant AI & co-dev)

### **7. Status**

Currently in concept/mockup stage. Ready to proceed with development during ErgoHack 10.