Polypump – Predictive Markets Platform

Overview

Polypump is a predictive markets platform built on Solana within the pump.fun crypto-meme ecosystem. It allows users to create and participate in prediction markets on meme coins and tokens launched on pump.fun. Polypump supports both SOL (Solana's native coin) and $POLYPUMP (the platform's utility token) for betting. The platform is designed with a deflationary reward model: a portion of every market's payouts is burned (reducing $POLYPUMP supply) and a portion is allocated as developer rewards. This mechanism incentivizes participation while maintaining token scarcity and funding ongoing development.

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In this example, users can bet on whether more than 500 "shitcoins" will migrate today. The interface shows a Yes/No question with dynamic odds (Yes at $0.75, No at $0.25), indicating implied probabilities based on current bets. Users can choose their stake (paid in $POLYPUMP here) and side before confirming the bet.

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Polypump’s architecture is technical and on-chain: markets are created via smart contracts that track bets and outcomes. Each prediction market is associated with a specific token (identified by its Solana token address) and a condition to be evaluated (for example, a target market capitalization or an event like a token migration). Participants connect their Solana wallets to place bets on the outcome (typically a **Yes/No** outcome for a given question). Once the market reaches its conclusion (the pre-set end time or event trigger), the outcome is determined automatically by checking on-chain data or oracle feeds for the condition. Winners are paid out trustlessly by the smart contract, while the built-in burn and developer fee mechanisms redistribute a fraction of the pot to bolster the token’s value and support the project’s development.

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