

WhatsReal Web3 Prediction Market Platform Whitepaper

Version: v2.0 **Date:** February 2026

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1. Executive Summary

WhatsReal is a next-generation, cross-chain Web3 prediction market and financial derivatives platform.

By introducing **AI-driven automated high-frequency events, innovative ERC-1155-based smart contracts, and decentralized oracle networks**, we are transforming the prediction market into a high-frequency, transparent, and highly profitable decentralized playground.

Unlike existing platforms, WhatsReal holds an ambitious infrastructure vision.

Beyond offering rich prediction gameplay, we will **issue a native stablecoin (WUSD) as the preferred deposit/withdrawal token and issue a platform token to build our proprietary Layer 1 main chain**, capturing the full ecological value from the ground up.

This is an unreached goal by industry leaders (such as Polymarket), which will bring unprecedented long-term returns to WhatsReal's Equity Token and Platform Token holders.

2. Background

Blockchain-based prediction markets serve as a crucial bridge connecting real-world events with Decentralized Finance (DeFi).

- **Limitations of Existing Platforms:** While platforms like Polymarket and Kalshi have found success in specific events, they share common bottlenecks: a lack of high-frequency, repeatable, standardized trading targets leading to low user retention; and a deep reliance on third-party public chains and stablecoins (like USDC). Consequently, these platforms cannot capture the underlying Gas fees or the interest-bearing profits generated by massive capital deposits.

WhatsReal will completely disrupt this status quo through its high-frequency event matrix, multi-contract architecture, and proprietary infrastructure.

3. Core Advantages & Evolution Roadmap

3.1 Phase 1: Quick Launch & High-Frequency Market Validation

- **Underlying Network & Payment:** The platform will initially launch on **BSC (BNB Smart Chain)** and use **USDC** as the standard settlement token.
- **AI Automated High-Frequency Events:** Fully focused on AI bot-driven, daily repeatable standardized events covering: **Crypto** (e.g., BTC/ETH daily up/down), **Stock ETFs**, **Commodities**, and **Foreign Exchange**.

3.2 Phase 2 & Long-term Vision: Proprietary L1 Main Chain & Native Stablecoin

- **Building a Proprietary Layer 1 Main Chain:** To thoroughly resolve network congestion and gas costs caused by high-frequency predictions, WhatsReal will develop a customized L1 main chain tailored for high-frequency derivatives trading.
- **Native Stablecoin for Deposits/Withdrawals:** Fully enabling WUSD as the standard for all platform deposits, withdrawals, and settlements, establishing an independent foundational financial system.

4. Technical Architecture: Multi-Contract Network & Seamless Access

4.1 Multi-PM Contracts Architecture

WhatsReal supports multiple, entirely different PM (Prediction Market) smart contracts running concurrently. It **supports customizable game rules (Simple Voting, AMM, Order Book Bidding, etc.)**, and each contract can flexibly configure its payment token and be deployed cross-chain.

4.2 ERC-1155 Naming Rules & Self Minting

- **Semantic TokenID:** Format is yyyyymmddXXXXn.
- **Self Minting:** Contract interaction automatically checks for existence; initializing the sub-event on-chain only when needed, allowing users to self-mint the NFT voucher.

4.3 Oracle Aggregation & Seamless Access

- Deeply integrated with WalletConnect, allowing direct and seamless access via any web browser or mainstream Web3 wallet (e.g., MetaMask).
- Smart contracts automatically call Chainlink authoritative data for tamper-proof, zero-human-intervention settlement.

5. Simple Voting Economic Model, Reward Redeem & AI Participation Mechanism

WhatsReal.com's first launch—a high-frequency binary event prediction based on simple voting—provides users with a minimalist yet high-yield participation experience.

5.1 Prize Pool & "Lottery Reward"

- Platform Service Fee (10%) & Winner Pool (90%).
- Losers' inputs go to zero. 50% of the Winner Pool is divided proportionally among all winning NFT holders; the remaining 50% serves as a **Lottery Reward**, exclusively awarded to a single winning wallet randomly selected by the smart contract.

5.2 Reward Redeem Mechanism

Prize money after event settlement is NOT automatically airdropped. Winning players must go to the dApp and initiate a "**Redeem**" action. After transferring the winning NFT to the smart contract for burning, the contract instantly transfers the prize pool share and the potential Lottery Reward to the user's wallet.

5.3 Core Use Case: Supporting AI Autonomous Social Platforms & Bot High-Frequency Hedging

WhatsReal is not just a prediction playground for human users, but an automated trading

battleground built for the AI era. The platform provides an extremely friendly smart-agent interface, **natively supporting AI Agents and Bots from AI autonomous social platforms to freely Join and Play.**

Under this mechanism, massive **high-frequency trading will be primarily driven by AI Agents/Bots**. Based on off-chain big data analysis, these agents will execute real-time voting, perform **Risk Hedges** across different options or prediction markets, and earn **Arbitrage**.

This brings unfathomable market liquidity to WhatsReal, evolving the platform into a true decentralized high-frequency financial derivatives gravity center.

6. Core Tokenomics: Tri-Token Collaboration & Equity Token Issuance

WhatsReal adopts a unique **Tri-Token Collaboration Mechanism**, perfectly aligning the long-term interests of early investors, the community, and the platform's foundational infrastructure:

1. **Equity Token:** Anchors physical company equity and the underlying reserve pool yields of the stablecoin bank (WUSD), offering immense investment value.
2. **Platform Token:** Serves as the underlying Gas fuel and network node governance voucher for the proprietary Layer 1 main chain.
3. **Native Stablecoin (WUSD): As the preferred deposit/withdrawal and prediction settlement token for smart contracts**, its massive capital deposits will bring continuous interest dividends to Equity Token holders.

6.1 Equity Token Tiered Issuance & ROI Analysis

To maximize incentives for early investors and evangelists, WhatsReal's Equity Token utilizes a **fixed total supply, tiered price increment** strong deflationary model.

- **Total Supply:** 21,000,000 tokens
- **Seed Round:** \$1,000,000 USD, releasing 3,000,000 tokens (~\$0.33 per token).
- **DeFi Phase Public/Private Sale:** 5,000,000 tokens in total. Follows a tiered pricing mechanism: "Price increases by 50% for every 1 million tokens sold" (Starting price: \$1/token).

DeFi Phase Issuance Breakdown & Investor ROI Projection Table

Phase	Tokens Released	Price per Phase	Funds Raised (Phase)	Cumulative Sold	Cumulative Raised	ROI Multiple vs. Seed (\$0.33)
Seed Round	3,000,000	\$0.33	\$1,000,000	3,000,000	\$1,000,000	-
DeFi Tier 1	1,000,000	\$1.00	\$1,000,000	4,000,000	\$2,000,000	3.0x
DeFi Tier 2	1,000,000	\$1.50	\$1,500,000	5,000,000	\$3,500,000	4.5x
DeFi Tier 3	1,000,000	\$2.25	\$2,250,000	6,000,000	\$5,750,000	6.8x
DeFi Tier 4	1,000,000	\$3.38	\$3,375,000	7,000,000	\$9,125,000	10.1x
DeFi Tier 5	1,000,000	\$5.06	\$5,062,500	8,000,000	\$14,187,500	15.2x

6.2 Equity Token Fund Allocation Mechanism (5:3:2 Model)

Across the Seed Round and five DeFi tiers, the project will raise a total of **\$14,187,500 USD**. All funds will be strictly allocated to different multi-sig smart contract treasuries at a **5:3:2** ratio to ensure robust ecological operations:

Fund Purpose	Allocation	Amount (Max Cap)	Core Function & Strategic Value
Stablecoin Bank	50%	\$7,093,750	Serves as the underlying 1:1 fiat/safe-asset reserve for WUSD issuance. All treasury bond yields and on-chain wealth management dividends generated by this capital are fully returned to Equity Token holders.
Operations & Marketing	30%	\$4,256,250	Used for daily operations, User Acquisition (UA), liquidity market making, global compliance licensing, and major marketing campaigns.
DAT (Digital Asset Treasury)	20%	\$2,837,500	Establishes a dedicated Digital Asset Treasury using top-tier AI quantitative trading strategies to continuously generate ecological yield in crypto markets. All quantitative yields generated by this

Fund Purpose	Allocation	Amount (Max Cap)	Core Function & Strategic Value
			treasury will be fully distributed to Equity Token holders, achieving multi-dimensional value empowerment.

7. Technology Innovation & Patent Claims

To build a core technological moat, WhatsReal will file for a Provisional Patent covering the following key claims:

1. **AI & Oracle-based continuous state high-frequency prediction event automatic generation system.**
2. **ERC-1155 standard-based structured time-series prediction voucher self-minting method.**
3. **Decentralized prediction prize pool allocation and reward redeem mechanism combining proportional distribution and pseudo-random lottery.**
4. **Dynamic contract routing and factory architecture for multi-state prediction market rules (Multi-PM Router).**
5. **Automated high-frequency hedging and arbitrage interaction system for AI autonomous social platforms and AI Agents:** A decentralized prediction market interaction protocol characterized by providing dedicated smart contract interfaces and permission verification logic, allowing external AI Agents to seamlessly integrate, and autonomously execute high-frequency prediction voting, cross-option risk hedging, and arbitrage strategies based on event result probability models and dynamic prize pool data.

WhatsReal Web3 预测市场平台白皮书

版本: v2.0 日期: 2026年2月

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1. 执行摘要 (Executive Summary)

WhatsReal 是一个全新一代的跨链 Web3 预测市场与金融衍生品平台。

通过引入 AI 驱动的自动化高频事件、基于 ERC-1155 的创新智能合约, 以及去中心化预言机网络, 我们将预测市场转变为一个高频、透明且具有极高收益潜力的去中心化游乐场。

与现有平台不同, WhatsReal 拥有宏大的基础设施愿景。我们不仅提供丰富的预测玩法, 更将通过发行原生稳定币 (WUSD) 做入出金代币与发行平台币构建专属 Layer 1 主链, 从底层捕获全部生态价值。

这是行业龙头(如 Polymarket)尚未达到的目标, 将为 WhatsReal 的股权代币和平台代币持有者带来前所未有的长期收益。

2. 行业背景与痛点 (Background)

基于区块链的预测市场是连接现实世界与 DeFi 的重要桥梁。

- 现有平台的局限性: 尽管 Polymarket 和 Kalshi 在特定事件上取得了成功, 但它们面临着共同的瓶颈: 缺乏高频、可重复的标准化交易标的, 用户黏性低; 且深度依赖第三方公链和

第三方稳定币(如 USDC)，平台本身无法捕获底层 Gas 费和海量资金沉淀产生的生息利润。

WhatsReal 将通过高频事件矩阵、多合约架构以及自建底层基础设施，彻底颠覆这一现状。

3. 核心优势与多阶段演进路线 (Evolution Roadmap)

3.1 第一阶段 (Phase 1): 快速启动与高频市场验证

- 底层网络与支付：平台初期将部署在 **BSC (BNB Smart Chain)** 上，并使用 **USDC** 作为标准结算代币。
- **AI 自动化高频事件**：完全专注于由 AI 机器人驱动的、每日可重复的标准化事件。涵盖：加密货币(如 BTC/ETH 日间涨跌)、股票 **ETF**、大宗商品、外汇。

3.2 第二阶段与长远规划：专属 **L1** 主链与原生稳定币

- 构建专属 **Layer 1** 主链：为彻底解决高频预测带来的网络拥堵，WhatsReal 将开发专为高频衍生品交易定制的 **L1** 主链。
- 原生稳定币做入出金代币：全面启用 **WUSD** 作为全平台的出入金与结算标准，建立自主的底层金融体系。

4. 技术架构：多合约网络与全平台接入

4.1 多预测市场合约架构 (Multiple PM Contracts)

WhatsReal 支持同时并行多个完全不同的 PM 智能合约，支持自定义游戏规则(简单投票、**AMM**、订单薄竞价等)，且每个合约可灵活设定支付代币并跨链部署。

4.2 ERC-1155 命名规则与自主铸造 (Self Minting)

- 语义化 **TokenID**：格式为 `yyyymmddXXXXn`。
- **自主铸造 (Self Minting)**：用户交互时触发合约检查，按需在链上初始化子事件并由用户自主生成 NFT 凭证。

4.3 预言机聚合与无缝接入

- 深度集成 **WalletConnect**，支持任意浏览器及任意主流 Web3 钱包(如 **MetaMask**)直接访问。
- 智能合约自动调用 **Chainlink** 权威数据进行无人工干预的防篡改结算。

5. 简单投票的经济模型、奖励兑换与 AI 参与机制

WhatsReal.com 首先推出的以简单投票为机制的高频二元事件预测，为用户提供了极简且高回报的参与体验。

5.1 资金池与“锦鲤大奖”

- 平台服务费 (10%); 胜者奖池 (90%)。
- 败方投入归零。胜者奖池的 50% 由所有胜方 NFT 持有者按比例均分；剩余 50% 作为锦鲤大奖 (Lottery Reward)，由智能合约随机抽取单一胜方钱包独揽。

5.2 奖励兑换机制 (Reward Redeem)

事件结算后的奖金不会自动下发。胜方玩家需前往 dApp 发起“兑换 (Redeem)”，将胜方 NFT 转入智能合约销毁后，合约立刻将奖金及锦鲤大奖转入用户钱包。

5.3 核心用例：支持 AI 自主社交平台与 Bot 高频对冲交易

WhatsReal 不仅是人类用户的预测游乐场，更是专为 AI 时代设计的自动化交易阵地。平台提供极度友好的智能体交互接口，原生支持各类 AI 自主社交平台中的 AI Agent 和 Bot 自由接入参与 (Join and Play)。

在这一机制下，平台的海量高频交易将主要由 AI Agent/Bot 驱动。这些聪明的智能体将基于链下大数据分析实时参与事件投票，通过精密的算法在不同预测选项、甚至不同预测市场之间进行风险对冲 (Hedge)，并从中赚取利差 (Arbitrage)。这不仅能为 WhatsReal 带来深不可测的市场流动性，更将平台进化为真正的去中心化高频金融衍生品引力中心。

6. 核心经济模型：三币协作机制与股权币发行 (Tokenomics)

WhatsReal 采用独创的三币协作机制，完美绑定早期投资人、社区与平台底层基础设施的长远利益。这三种代币在生态中各司其职，互为支撑：

1. 股权代币 (**Equity Token**)：锚定实体公司股权及稳定币银行 (WUSD) 的底层准备金池收益，极具投资价值。
2. 平台代币 (**Platform Token**)：用于构建专属 Layer 1 主链的底层 Gas 燃料及网络节点治理凭证。
3. 原生稳定币 (**WUSD**)：作为智能合约优选的入出金与预测结算代币，其庞大的沉淀资金将为股权币持有者带来源源不断的利息分红。

6.1 股权代币 (Equity Token) 阶段式发售与 ROI 分析

为了最大化激励早期投资者和布道者，WhatsReal 的股权代币采取总量恒定、阶段式价格递增的强劲通缩发行模型。

- 股权代币总供应量：21,000,000 枚
- 种子轮 (**Seed Round**)：\$1,000,000 美元，释放 3,000,000 枚 (单价约 \$0.33 / 枚)。
- **DeFi** 阶段公募/私募：共发售 5,000,000 枚。遵循“每售出100万枚，单价即上调 50%”的阶梯定价机制(起步价 \$1/枚)。

DeFi 阶段发售明细与投资者 ROI 测算表

发售阶段	释放数量 (枚)	单阶段价格	阶段融资金 额	累计发售量	累计融资金 额	相比种子轮 (\$0.33)的回 报倍数
种子轮	3,000,000	\$0.33	\$1,000,000	3,000,000	\$1,000,000	-
DeFi 第一阶	1,000,000	\$1.00	\$1,000,000	4,000,000	\$2,000,000	3.0x
DeFi 第二阶	1,000,000	\$1.50	\$1,500,000	5,000,000	\$3,500,000	4.5x
DeFi 第三阶	1,000,000	\$2.25	\$2,250,000	6,000,000	\$5,750,000	6.8x
DeFi 第四阶	1,000,000	\$3.38	\$3,375,000	7,000,000	\$9,125,000	10.1x
DeFi 第五阶	1,000,000	\$5.06	\$5,062,500	8,000,000	\$14,187,500	15.2x

6.2 股权币融资金额分配机制 (5:3:2 模型)

通过种子轮与 DeFi 五个阶段的发售，项目总计可募集 **\$14,187,500** 美元。所有融得资金将严格按照 **5:3:2** 的比例划拨入不同的多签智能合约金库，以保障生态稳健运行：

资金用途	分配比例	金额测算 (满额)	核心功能与战略意义
稳定币银行 (Stablecoin Bank)	50%	\$7,093,750	作为 WUSD 发行的底层 1:1 法币/安全资产储备金。这部分资金产生的所有国债生息及链上理财分红，全部回馈给股权币持有人。
运营与市场开发 (Operations)	30%	\$4,256,250	用于平台日常运营、用户增长(UA)、流动性做市、全球合规牌照申请及大型市场营销活动。
DAT (数字资产财库)	20%	\$2,837,500	设立专属的数字资产财库，通过顶尖的 AI 量化交易策略在加密市场中持续创造生态收益。该财库产生的所有量化收益将全额分配给股权币持有人，实现多维度的

资金用途	分配比例	金额测算 (满额)	核心功能与战略意义
			价值赋能。

7. 技术创新与专利权利要求 (Patent Claims)

为了构建核心技术壁垒 WhatsReal 将申请临时专利 (Provisional Patent), 核心涵盖:

1. 基于人工智能与预言机的连续状态高频预测事件自动生成系统。
2. 基于 **ERC-1155** 标准的结构化时间序列预测凭证自主铸造方法。
3. 结合按比例均分与伪随机数抽奖的去中心化预测奖池分配及奖励兑换机制。
4. 面向多态预测市场规则的动态合约路由与工厂架构 (**Multi-PM Router**)。
5. 面向 **AI** 自主社交平台与智能体 (**AI Agent**) 的自动化高频对冲与套利交互系统:一种去中心化预测市场交互协议, 其特征在于提供专用的智能合约接口与权限验证逻辑, 允许外部 AI Agent 无缝接入, 并基于事件结果概率模型与动态奖池数据, 自主执行高频预测投票、跨选项风险对冲 (Hedge) 与赚取利差 (Arbitrage) 策略。