Tokentrack Dashboard

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Business Blueprint

From whiteboard concept to boardroom-ready story.

Innovation	Novelty	Speed	Total Score
8	9	8	83

Tokentrack Dashboard

Tags: new, fintech tokenization, dashboards, regulatory metrics, national finance

Core Concept

A platform for tracking tokenization progress via stablecoins, CBDCs, and tokenized deposits with dashboards and metrics to identify imbalances and unintended consequences.

Swot

Strengths

- Leverages existing blockchain data for quick insights
- Provides actionable metrics for regulators and institutions
- Incorporates stress testing to anticipate risks
- Borrows from diverse sources for comprehensive views
- Scalable to national level with modular dashboards

Opportunities

- Partnerships with central banks for CBDC data access
- Expansion into predictive analytics for tokenization trends
- Integration with fintech ecosystems for broader adoption
- Monetization through premium metrics and consulting
- Addressing regulatory gaps in digital asset monitoring

Key Refinements

- Add AI-driven anomaly detection to flag imbalances automatically
- Incorporate user-customizable dashboards for different stakeholder views
- Include simulation tools for stress testing unintended consequences
- Integrate data from non-financial sources like supply chain metrics
- Enhance with collaborative features for shared scenario analysis
- Optimize for mobile access to enable on-the-go monitoring
- Implement privacy-preserving data aggregation to comply with regulations

Scope Phase 1

In Scope

- Core dashboard with basic metrics on stablecoins and tokenized deposits
- Integration with public CBDC data sources
- Basic stress testing and imbalance detection tools

Out Of Scope

- Advanced predictive modeling
- International data comparisons
- Enterprise-level customization

Data And Integrations

Systems

- Blockchain explorers like Etherscan
- API feeds from stablecoin providers (e.g., USDC, Tether)
- Public CBDC databases or central bank APIs

Required Fields

- Transaction volume, token supply, market cap
- Adoption rates, volatility metrics, economic indicators

Access Assumptions

- Public APIs are freely accessible without rate limits for prototyping
- User authentication for personalized dashboards assumes standard OAuth

Next Steps

- Gather initial data samples from stablecoin and CBDC sources
- Design wireframes for core dashboards and metrics
- Conduct internal stress tests on prototype metrics

Assumptions

- Stablecoin and CBDC data remains publicly accessible
- National regulations support tokenization tracking tools

Open Questions

- What specific unintended consequences should be prioritized in metrics?
- How to ensure data accuracy from diverse sources?

Prototype

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System: you are a senior software engineer. You specialize in
 ↪ rapid prototyping and pragmatic architecture choices.
Project: Build a working prototype for Token Track Dashboard.

Core Concept:
- A platform for tracking tokenization progress via
 ↪ stablecoins, CBDCs, and
- tokenized deposits with dashboards and metrics to identify
 ↪ imbalances and
- unintended consequences.

Key Features:
- Real-time dashboards aggregating data from stablecoins,
 ↪ CBDCs, and tokenized
- deposits
- Metrics for spotting imbalances, stress testing scenarios,
 ↪ and mapping
- unintended consequences
- Integration with unlikely sources like economic indicators or
 ↪ social sentiment
- for broader context

Mission Snapshot:
- Primary audience: Financial institutions, regulators, fintech
 ↪ startups, and
- investors interested in blockchain-based financial
 ↪ innovations at a national
- level.
- Preferred build surface: start with Bubble, chosen for its
 ↪ strong data
- integration capabilities and ease of building interactive
 ↪ dashboards with real-
- time updates. before reaching for heavier tooling.

Build Focus:
- Create a no-code prototype for TokenTrack Dashboard: a web
 ↪ app tracking
- tokenization progress with dashboards for stablecoins, CBDCs,
 ↪ and tokenized
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- deposits; include real-time metrics, imbalance detection, and
 ↪  stress testing;
- use drag-and-drop components for user flows like data
 ↪  visualization and scenario
- simulation; integrate sample APIs for financial data.

Workspace Setup:
- Set up pages: Home, Dashboard, Metrics Analyzer, Stress Test
 ↪  Simulator
- Define data types: TokenData (fields: type, volume, supply,
 ↪  volatility),
- UserPreferences (fields: custom_metrics, alerts)
- Configure permissions: Public access for viewing, user login
 ↪  for customizations

Execution Priorities:
- Add AI-driven anomaly detection to flag imbalances
 ↪  automatically
- Incorporate user-customizable dashboards for different
 ↪  stakeholder views
- Include simulation tools for stress testing unintended
 ↪  consequences
- Integrate data from non-financial sources like supply chain
 ↪  metrics
- Enhance with collaborative features for shared scenario
 ↪  analysis
- Optimize for mobile access to enable on-the-go monitoring
- Implement privacy-preserving data aggregation to comply with
 ↪  regulations
- Next step: Gather initial data samples from stablecoin and
 ↪  CBDC sources
- Next step: Design wireframes for core dashboards and metrics
- Next step: Conduct internal stress tests on prototype metrics

Scope Guardrails:
- In scope: Core dashboard with basic metrics on stablecoins
 ↪  and tokenized
- deposits; Integration with public CBDC data sources; Basic
 ↪  stress testing and
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- imbalance detection tools
- Out of scope: Advanced predictive modeling; International
 ↪ data comparisons;
- Enterprise-level customization

Data & Integrations:
- Systems: Blockchain explorers like Etherscan; API feeds from
 ↪ stablecoin
- providers (e.g., USDC, Tether); Public CBDC databases or
 ↪ central bank APIs
- Required fields: Transaction volume, token supply, market
 ↪ cap; Adoption rates,
- volatility metrics, economic indicators
- Access assumptions: Public APIs are freely accessible without
 ↪ rate limits for
- prototyping; User authentication for personalized dashboards
 ↪ assumes standard
- OAuth

User Flows to Validate:
- Dashboard Viewing - goal: Allow users to monitor tokenization
 ↪ metrics in real-
- time; steps: Login or guest access to home page → Select
 ↪ asset type (stablecoin,
- CBDC, deposit) → View aggregated dashboard with charts and
 ↪ alerts; success
- metric: Time to load dashboard < 5 seconds, with >90% data
 ↪ accuracy
- Stress Testing - goal: Enable simulation of scenarios to
 ↪ identify imbalances;
- steps: Navigate to Stress Test page → Input parameters like
 ↪ volatility spikes →
- Run simulation and view results; success metric: Simulation
 ↪ completion in <10
- seconds, with clear visual outputs
- Custom Metrics Setup - goal: Let users create personalized
 ↪ imbalance detectors;
- steps: Go to Metrics Analyzer → Drag components to build
 ↪ custom view → Save and
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- share configuration; success metric: User retention rate on
 ↪  custom setups >70%

Operating Assumptions:
- Stablecoin and CBDC data remains publicly accessible
- National regulations support tokenization tracking tools

Open Questions:
- What specific unintended consequences should be prioritized
 ↪  in metrics?
- How to ensure data accuracy from diverse sources?

Iteration Heuristics:
- Lean on Bubble, chosen for its strong data integration
 ↪  capabilities and ease of
- building interactive dashboards with real-time updates.
 ↪  native components before
- writing custom code.
- Prototype the golden path end-to-end before layering
 ↪  variations or edge cases.
- Favor stubs or mock data over complex integrations until the
 ↪  interaction is
- proven.
- Annotate TODOs or questions inline so the next builder can
 ↪  continue momentum.
- Prefer clarity, testability, and demo readiness over clever
 ↪  abstractions.

Guidelines:
- At decision points default to simpler implementations.
- Iterate until you have a working prototype or need clarifying
 ↪  instructions.
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Prototype Blueprint

Builder Prompt

Create a no-code prototype for TokenTrack Dashboard: a web app tracking tokenization progress with dashboards for stablecoins, CBDCs, and tokenized deposits; include real-time metrics, imbalance detection, and stress testing; use drag-and-drop components for user flows like data visualization and scenario simulation; integrate sample APIs for financial data.

Recommended Platform

Bubble, chosen for its strong data integration capabilities and ease of building interactive dashboards with real-time updates.

Workspace Setup

- Set up pages: Home, Dashboard, Metrics Analyzer, Stress Test Simulator
- Define data types: TokenData (fields: type, volume, supply, volatility), UserPreferences (fields: custom_metrics, alerts)
- Configure permissions: Public access for viewing, user login for customizations

User Flows

- **Flow Name**: Dashboard Viewing
- **Goal**: Allow users to monitor tokenization metrics in real-time
- **Steps**: ['Login or guest access to home page', 'Select asset type (stablecoin, CBDC, deposit)', 'View aggregated dashboard with charts and alerts']
- **Success Metric**: Time to load dashboard < 5 seconds, with $>90\%$ data accuracy
- **Flow Name**: Stress Testing

- **Goal**: Enable simulation of scenarios to identify imbalances
- **Steps**: ['Navigate to Stress Test page', 'Input parameters like volatility spikes', 'Run simulation and view results']
- **Success Metric**: Simulation completion in <10 seconds, with clear visual outputs
- **Flow Name**: Custom Metrics Setup
- **Goal**: Let users create personalized imbalance detectors
- **Steps**: ['Go to Metrics Analyzer', 'Drag components to build custom view', 'Save and share configuration']
- **Success Metric**: User retention rate on custom setups >70%

Screen Plan

- **Screen**: Home
- **Purpose**: Overview and navigation hub
- **Layout**: Grid with sidebar menu
- **Core Components**: ['Repeating group for asset summaries', 'Chart elements for quick metrics']
- **Data Sources**: ['TokenData type', 'External API feeds']
- **Handoff Notes**: ['Ensure responsive design for national-scale data volume', 'Add tooltips for metric explanations']
- **Screen**: Dashboard
- **Purpose**: Detailed visualization of tokenization progress
- **Layout**: Dashboard grid with widgets
- **Core Components**: ['Line charts, pie charts', 'Alert popups for imbalances']
- **Data Sources**: ['Real-time API integrations', 'UserPreferences for filters']

- **Handoff Notes**: ['Bind data dynamically to components', 'Test for high data load performance']
- **Screen**: Stress Test Simulator
- **Purpose**: Scenario modeling for unintended consequences
- **Layout**: Form inputs with output panel
- **Core Components**: ['Input fields, button triggers', 'Results table and graphs']
- **Data Sources**: ['Simulation algorithms (custom logic)', 'Historical TokenData']
- **Handoff Notes**: ['Use workflows for simulation runs', 'Include reset functionality']

Component Library

Must Have

- Reusable chart widget for metrics
- Alert notification component
- Customizable filter dropdown

Nice To Have

- AI suggestion popup for refinements
- Export button for data reports

Integration Tasks

- Connect to CoinGecko API for stablecoin data
- Set up webhook for real-time CBDC updates
- Import sample datasets for tokenized deposits

Build Sprints

- Sprint 1: Set up workspace, build Home and Dashboard screens with basic data bindings (Days 1-3)
- Sprint 2: Add Stress Test screen and integrations, implement user flows (Days 4-6)
- Sprint 3: Refine components, add QA checks, and test responsiveness (Days 7-8)

Qa Checklist

- Verify drag interactions on mobile/desktop
- Check data refresh rates and error handling
- Test user flows for completion without bugs
- Ensure accessibility compliance

Remix Prompts

- Adapt TokenTrack for international scope: add multi-currency support and global CBDC data.
- Remix for investor audience: emphasize predictive metrics and portfolio integration features.