

# Virtual Asset Wallet (VAW)

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# Problem Statement

Managing and understanding multiple investments across various platforms is complex and time-consuming.

The rise of passive investments in today's markets is very noticeable, people with regular income jobs are starting to pay more and more attention to the market in general, allowing them to be interested in investing and/or trading across multiple platforms based on the speciality.



# Solution Overview

In order to summarize the current amount and allocation of investments we are introducing the idea of an asset wallet, a wallet that will show a dashboard of the current holdings as well as a detailed list of transactions' history.

Our platform offers users a unified view of all their investments, simplifying the process of tracking and managing assets.



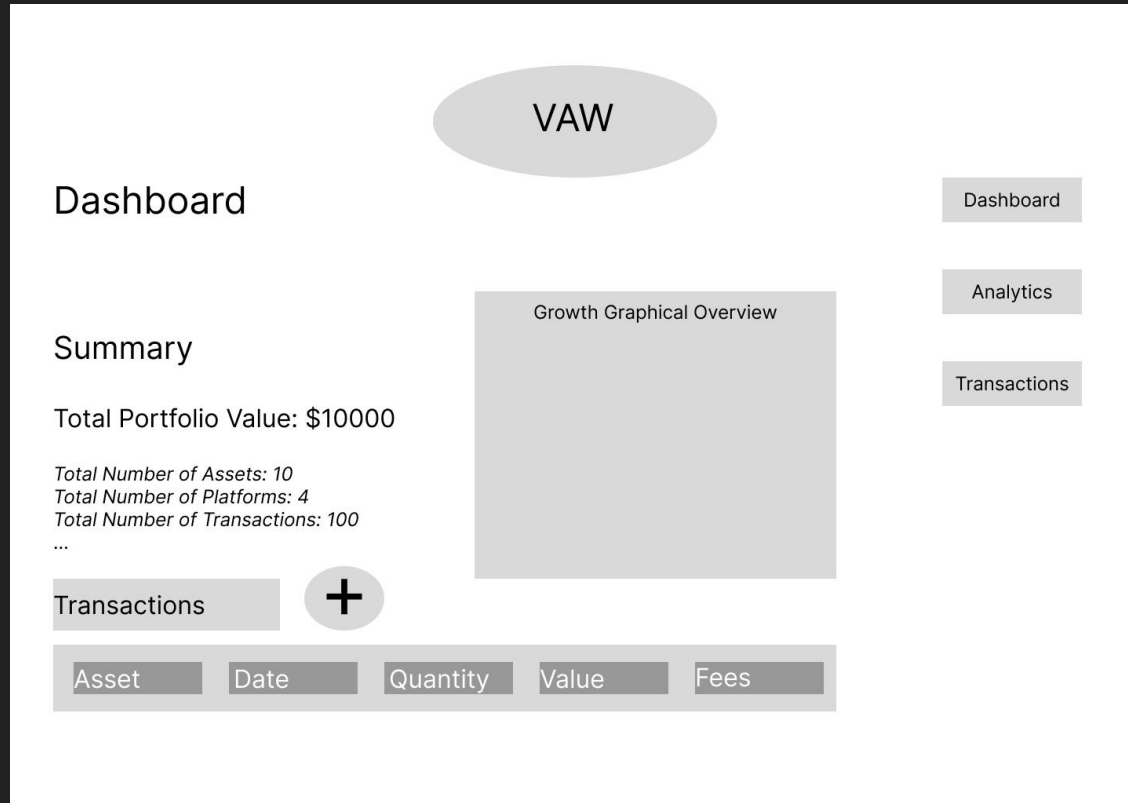
# Key Features and Value Proposition

- Manual transaction input
- Real-time portfolio valuation
- Comprehensive asset breakdown

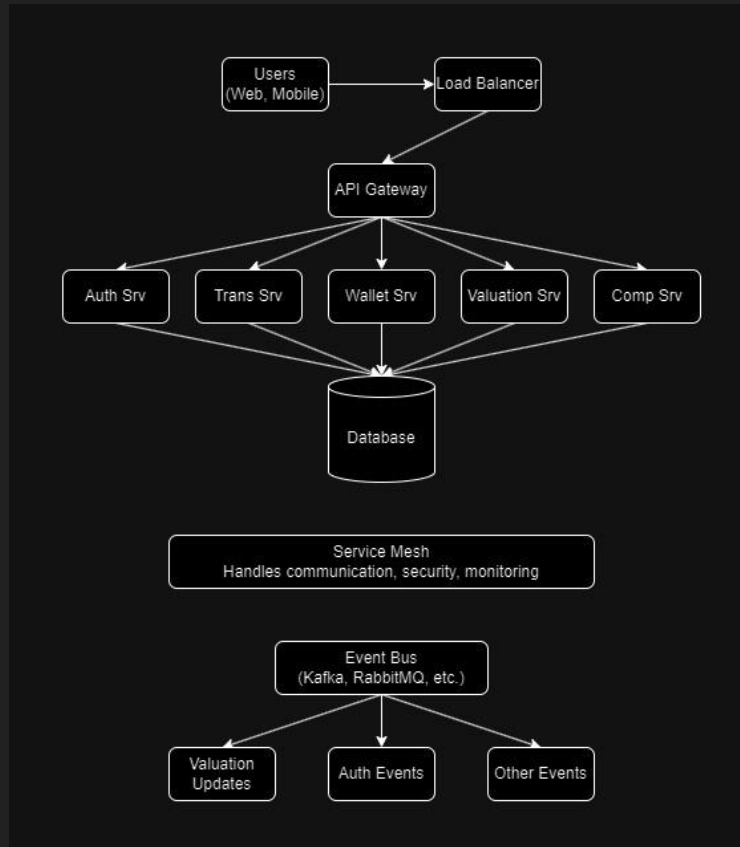
We're kicking off the project with a list of minimal features and expanding incrementally on said list, thus we're building **secure and scalable microservice architecture**.

*With our platform, users save time, gain insights, and have a better understanding of their financial health.*

# Wireframe



# Technical Architecture (Production)



# Technology Stack

Frontend	Backend	Database
React.js, Redux, Tailwind CSS, Figma	Node.js, Express.js, Java, Go, Python, Rust, C++	PostgreSQL, Redis, MongoDB

API Gateway	Microservices	Event-Driven Architecture
NGINX, Kong	Kubernetes, Istio	Apache Kafka, RabbitMQ

CI/CD & DevOps	Monitoring & Logging	Future Technologies
GitHub Actions, Jenkins, Docker, Terraform	Prometheus, Grafana, ELK Stack	Hadoop, Spark, TensorFlow, Llama

# Market Potential and Audience

## 1. Target Audience

- Retail Investors
- Crypto Enthusiasts
- Financial Advisors
- Millennials and Gen Z
- Frequent Traders

## 2. Market Size and Growth

- Cryptocurrency Market: Valued at \$1T in 2023, growing at 12.8% CAGR.
- Retail Investment: Millions of active investors with growing portfolios.
- Digital Assets: Increasing adoption among younger demographics.

## 3. User Needs and Pain Points

- Fragmented asset management across multiple platforms.
- Difficulty tracking real-time portfolio values.
- Lack of integration for various asset types.
- Concerns over digital security

## 4. Competitive Landscape

- Existing solutions: Coinbase Wallet, Robinhood, Mint.
- Gaps: Lack of comprehensive tracking, user experience issues, high fees.

## 5. Unique Value Proposition

- Unified asset management across traditional and digital assets.
- Real-time portfolio valuation and analytics.
- User-friendly design tailored to both new and experienced investors.
- Robust security and privacy measures.



# Roadmap and Future Features

## Phase 1: MVP (Q1 2025)

- Secure login
- Basic transactions
- Portfolio view
- Real-time valuation
- Core services setup

## Phase 2: Version 1.0 (Q4 2025)

- Advanced analytics
- Multi-asset support
- Mobile app
- External API integration

## Phase 3: Future (2026+)

- Gamification
- Execution of trades
- Algorithmic trading
- Banking integration
- AI financial advisor

Long-Term Vision: Global Expansion, Regulatory Compliance, SDK and SaaS provision

# Business Model

<b>Customer Segments</b>	<b>Value Propositions</b>	<b>Channels</b>
Retail Investors, etc.	Unified Asset Management, Real-time Analytics, etc.	Website, Mobile App, Email Marketing, etc.

<b>Customer Relationships</b>	<b>Revenue Streams</b>	<b>Key Resources</b>
Self-Service, etc.	Subscription Fees, etc.	Technical Team, etc.

<b>Key Activities</b>	<b>Key Partnerships</b>	<b>Cost Structure</b>
Platform Development, Market Analysis, etc.	Financial Institutions, Data Providers, etc.	Development Costs, etc.

# Team Outline

- **Project Manager:** Oversees the project timeline, manages milestones, and ensures communication between team members.
- **Front-End Developer:** Responsible for UI/UX design, front-end development, and integration with the back-end.
- **Back-End Developer:** Focus on API development, microservices, database design, and integration.
- **DevOps Engineer:** Manages CI/CD pipelines, containerization, deployment, and cloud infrastructure.
- **QA Engineer:** Handles testing strategies, writes automated tests, and ensures product quality.
- **Systems, Networks and Security Engineer:** Focuses on optimizing the network performance and scalability of the system.
- **Data Engineer:** For expansion of features.

# Conclusion

- Discussed the concept and benefits of our virtual asset wallet.
  - Covered the technical architecture and innovative technology stack.
  - Outlined the roadmap and future features.
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- Empowering investors with unified, secure and user-friendly platform.
  - Revolutionizing asset management by integrating traditional and digital investments.
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- Looking for partners, investors, and collaborators to join us on this journey.
  - Reach out for more information to share your thoughts.

Do you  
have any  
**Questions...?**



# Thank you

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