

Project Charter — First Wallet

1. Project Overview

Project Name: First Wallet

Product Type: Mobile-only decentralized crypto wallet with card payments

Network: Pavilion Network

First Wallet is a fully decentralized, non-custodial mobile wallet built on Pavilion Network that enables users to securely store, manage, and spend crypto assets. The wallet integrates with a physical and virtual payment card, allowing users to make real-world merchant payments where crypto is converted and deducted instantly from the wallet at point of sale.

2. Business Objectives

- Enable real-world crypto spending through card-based merchant payments
- Drive Pavilion Network adoption and transaction volume
- Deliver a secure, self-custodial mobile wallet experience
- Establish a scalable foundation for future DeFi and payment services
- Strengthen user trust through decentralization and security-first architecture

3. Project Scope

In Scope

- iOS and Android mobile wallet application
- Pavilion Network native wallet support
- Non-custodial key management and recovery flows
- Crypto transfers and transaction history
- Card issuance (virtual & physical)
- Crypto-to-fiat conversion at point of sale
- Merchant payment processing via card networks
- Card management (freeze/unfreeze, limits, controls)
- Security features (biometric authentication, encryption)

Out of Scope

- Web wallet or browser extension
- Custodial wallet services
- Fiat bank accounts or direct fiat custody
- Advanced DeFi trading (futures, leverage, derivatives)
- NFT marketplace (future phase)

4. Key Deliverables

- Mobile wallet applications (iOS & Android)
- Pavilion Network blockchain integration
- Secure key management system
- Card issuance and payment processing integration
- Backend services for compliance, settlement, and reporting
- Production security audit and penetration testing
- App Store and Play Store deployment

5. Success Criteria

- Wallet creation and transactions function fully non-custodially
- Card payments succeed with real-time crypto deduction

- Transaction settlement accuracy \geq 99.9%
- App security audit passes with no critical findings
- Mobile app store approval achieved
- Backend payment service uptime \geq 99.9%

6. Assumptions & Constraints

Assumptions

- Pavilion Network supports required throughput and finality
- Card issuing partner APIs are stable and compliant
- Users accept self-custody and recovery responsibility
- Regulatory clearance achievable in target launch markets

Constraints

- Mobile-only platform
- Must remain fully non-custodial
- Dependency on third-party card networks
- Jurisdiction-specific compliance requirements

7. Key Risks

- Regulatory restrictions on crypto card programs
- Dependency on issuing banks or card networks
- Mobile key security vulnerabilities
- On-chain latency impacting payment UX
- User key loss leading to unrecoverable funds

8. Approval

CTO Approval: _____  Date: _____