

SOW (Scope of work document)

Stablecoin Development & Presale Launch Program

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1. Executive Summary

This document outlines the high-level details of the design, development, presale enablement, and launch support for the proposed stablecoin ecosystem. All the information and the details mentioned below are based on the discussion held so far and assumptions.

The objective of this engagement is to deliver a technically secure, governance-defined, investor-ready stablecoin platform prepared for presale execution and mainnet launch.

This engagement is structured across defined execution sprints covering:

- Technical architecture and system design
- Smart contract engineering
- Security hardening and optimization
- Presale participation infrastructure
- Mainnet deployment and launch
- Post-launch technical stabilization

This document provides quick and brief visibility into:

- Business objectives
- Platform structure
- User roles and journeys

- Feature set
- Sprint breakdown
- Estimated Timeline and Budget
- Assumptions and dependencies

2. Business Objectives

The primary business objectives of this initiative are:

1. Design and deploy a stablecoin aligned with the defined economic model.
2. Establish a governance structure ensuring controlled minting, burning, and treasury operations.
3. Enable structured investor presale participation.
4. Deliver technical documentation suitable for inclusion in the whitepaper.
5. Launch readiness through defined technical execution.

3. Proposed Solution Overview

The proposed solution consists of five integrated components:

1. Stablecoin Smart Contract Layer
2. Governance & Administrative Control Layer
3. Treasury & Supply Management Logic
4. Presale Participation Platform
5. Launch & Operational Support Framework

The system will operate through clearly defined user roles and permissions to ensure transparency, control, and security.

4. User Roles & System Actors

4.1 Super Administrator

- Contract ownership authority
- Governance configuration
- Emergency control rights (if applicable)

4.2 Governance Admin (Assuming as an individual user role)

- Mint/burn approvals
- Treasury action authorization
- Role assignment management

4.3 Treasury Manager (Assuming as an individual user role)

- Supply management execution
- Reserve logic coordination

4.4 Investor (Presale Participant)

- Wallet connection
- Presale participation
- Allocation viewing

4.5 Technical Operator (Internal)

- Deployment management
- System monitoring
- Configuration updates

5. User Modes of Operation

Administrative Mode

Used by governance and treasury roles for operational control.

Investor Mode

Used by presale participants for wallet-based participation and allocation visibility.

System Mode

Automated contract logic controlling token supply, transfers, and validation rules.

6. User Journey – Presale Phase

1. Investor accesses presale platform.
2. Investor connects wallet.
3. Investor reviews participation details.
4. Investor commits contribution.
5. System records allocation.
6. Allocation becomes visible in dashboard.
7. Upon launch event, token distribution logic activates.

7. Feature List Summary

Token Features

- Mint functionality
- Burn functionality
- Supply cap logic (if applicable)
- Role-based permissions
- Transfer validation rules

Governance Features

- Multi-role control structure
- Administrative override (if defined)
- Access hierarchy

Presale Features

- Wallet-based participation
- Allocation logic
- Contribution tracking
- Dashboard view
- Backend logging

Deployment Features

- Mainnet deployment
- Contract verification
- Configuration management

8. Sprint Execution Plan

The below sprint plan is from Architecture Discovery to Presale preparation of the stablecoin.

| Sprint | Focus Area | Key Outcome | Duration |
|-----------------|--------------------------------------|--|----------|
| Sprint 1 | Architecture Discovery & Token Model | Token economics validation, governance framework draft | 2 Weeks |
| | System Architecture & Presale Flow | Technical blueprint, lifecycle mapping, approval documentation | |
| Sprint 2 | Smart Contract Core Development | Base token logic, permissions framework | 2 Weeks |
| Sprint 3 | Smart Contract Logic | Mint/burn, treasury interaction, testnet deployment | 2 Weeks |
| Sprint 4 | Security Hardening & Optimization | Code review, gas optimization, production prep | 2 Weeks |
| Sprint 5 | Presale Backend Development | Wallet integration, allocation logic, backend records | 2 Weeks |
| Sprint 6 | Presale Frontend & Dashboard | Investor UI, dashboard, staging deployment | 2 Weeks |
| Sprint 7 | Mainnet Deployment & Configuration | Deployment, verification, admin configuration | 2 Weeks |

Note: Sprints are tentative and supposed to change based on actual discovery while development.

9. Estimated Timeline & Cost

Total Estimated Duration: 4-5 Months (This includes buffer for regulatory considerations and compliance adjustments) and Timeline assumes timely approvals and parallel legal structuring by client.

10. Commercial Overview

Estimated cost up to Pre Sales – 55k USD. (Tentative based on the discussion so far and assumption, may change while the development begins or final clarify after architectural sprint practice).

11. Client Responsibilities & Assumptions

To ensure timely execution, the following are expected from Client:

1. Legal and regulatory compliance handling.
2. Final economic model confirmation.
3. Governance decision approvals within agreed timelines.
4. Whitepaper non-technical sections (legal, financial).
5. Reserve asset custody arrangements.
6. Timely payment per milestone schedule.
7. Design assets or branding materials for presale interface.
8. Access to relevant stakeholder decision-makers.

Delays in approvals or dependencies may impact timeline.

12. Exclusions

The following are outside this scope:

- Legal advisory services
- External smart contract audit fees
- Exchange listing services

- Marketing campaigns
- Banking integrations
- Reserve custody management
- Rental roll-up portal
- Mobile applications

Separate engagement required if needed.

13. Project Governance & Communication

- Dedicated Project Manager
- Bi-weekly review calls
- Sprint review checkpoints
- Structured documentation handover

This document defines the high-level structured execution plan for the development and launch of the proposed stablecoin ecosystem based on the discussion and detailed exchanged. The engagement provides a high-level clarity in scope, budget visibility, structured delivery, and defined outcomes. This is an initial scope document tend to change based on the actual discovery process parallel to development.