Below is the **complete rewritten Section 4 – INVESTOR FLOW (PHASE 1)** incorporating:

- EU-based issuer positioning
- Open platform discovery
- Token-level access control (OPEN / INVITE_ONLY / CLOSED)
- Splash → Marketplace → Token Detail hierarchy
- Documentation section including whitepaper + contract transparency
- Clear UI + development expectations

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4. INVESTOR FLOW (PHASE 1)

Phase 1 is structured as a three-layer experience:

1. Public Discovery Layer (Open Access)
2. Token-Level Offering Page (Issuer-Controlled Access)
3. Investor Onboarding & Allocation Flow (KYC-Gated)

The platform is open for discovery.
Investment participation is gated at the token level.

4.1 PUBLIC DISCOVERY LAYER (Pre-Login)

4.1.1 SCREEN 01 – SPLASH / ENTRY SCREEN

Purpose

- Establish institutional credibility
- Explain the private placement model
- Clarify EU-based issuer structure
- Direct users into the marketplace

Positioning

This is not a crypto trading platform.
This is a private digital security offering platform operated under an EU-registered issuer structure.

UI Structure

Hero Section

- Headline: “Private Digital Security Offerings”
- Subtext: “EU-Registered Issuer | Private Placement | Compliance-First”
- Primary CTA: “Enter Marketplace”

No invite code entry on this screen.

Regulatory Positioning Section

- Private placement statement
- KYC mandatory before participation
- Non-tradable token clarification

Platform Highlights

- Security-backed structure
- Custodial wallet model
- Tokenized allocation
- Institutional compliance controls

Development Notes

Route:
/

Requirements:

- No login required
- No data writes
- CMS-configurable content
- SEO + SSR recommended
- Fast loading

4.1.2 SCREEN 02 – MARKETPLACE LISTING PAGE

Even though Phase 1 has only ShivAI, this page must exist for scalability.

Purpose

- Display available digital offerings
- Separate platform from issuer
- Allow future multi-token expansion

Route:
/marketplace

UI Structure

Card or grid layout.

Each token card must display:

- Token name
- Logo
- Short description
- Status badge:
  - LIVE
  - COMING SOON
  - CLOSED
- Minimum investment
- Lock-in duration
- CTA: “View Details”

Phase 1:
ShivAI = LIVE

Backend Requirements

Entity: tokens

Fields:

- token_id
- name
- slug
- short_description
- total_supply
- min_investment

- max_investment
- lock_period
- status (LIVE | COMING_SOON | CLOSED)
- access_type (OPEN | INVITE_ONLY | CLOSED)
- created_at

API:
GET /tokens

Must support:

- Enabling/disabling listing
- Future multi-token expansion
- Token-level access control

No investment action allowed on this page.

4.2 TOKEN DETAIL PAGE (ISSUER OFFERING PAGE)

Route:
/token/{slug}

Example:
/token/shivai

This is the primary offering page.

4.2.1 Purpose

This page must:

- Educate the visitor
- Build conviction
- Present all legal and technical documentation
- Clearly explain token structure
- Then allow access request

This is equivalent to a private IPO microsite.

4.2.2 Access Control Logic (Token-Level)

Each token defines its access model:

access_type:

1. OPEN
   → User may proceed directly to profile/KYC.
2. INVITE_ONLY
   → User must enter a valid access code before onboarding.
3. CLOSED
   → Participation disabled.

This logic is token-specific.

Invite validation must be scoped to token_id.

API:
POST /token/{token_id}/invite/validate

4.2.3 UI Structure – Token Detail Page

Section A – Hero Overview

Must display:

- Token Name
- Status badge (LIVE)
- Minimum and maximum investment
- Lock-in duration
- Token supply overview
- CTA based on access_type:

If OPEN:
→ “Request Access”

If INVITE_ONLY:
→ “Enter Access Code”

If CLOSED:
→ Disabled CTA

Section B – Founder & Company Overview

- Embedded founder video
- Founder bio
- Company mission
- Market positioning

Video:

- Hosted securely (Vimeo private / secure CDN)
- Must support embed only (no download)

Optional:

- Video view analytics

Section C – Token Structure & Economics

Must clearly explain:

- What the token represents
- EU-registered issuer structure
- Economic exposure mechanics
- Non-trading nature
- Lock-in period
- Custodial wallet model
- Minting process

Include:

- Total supply
- Allocation breakdown
- Investment limits
- Jurisdiction restrictions

Clarity required:
Token is not publicly tradable.
No price discovery mechanism exists in Phase 1.

Issuance Pricing Model

The token will be issued at a fixed primary offering price defined by the issuer.

This price is used solely for calculating token allocation during primary subscription.

It is not a market price and does not imply tradability.

Token Allocation Formula:

Tokens Allocated = Investment Amount ÷ Issuance Price

Example:
If issuance price = $0.01
$1,000 investment = 100,000 tokens

This pricing mechanism is fixed during the offering window unless revised by formal issuer update.

Issuance Price Model "The Initial Offering Price"

- Fixed price per token during Phase 1
- Defined prior to launch
- Used to calculate allocation
- Not a tradable or market-derived price

This keeps your document internally consistent and defensible.

Section D – Documentation & Transparency

Documents must be grouped into:

A. Legal & Offering Documents

- Risk Disclosure
- Terms Sheet
- Subscription Agreement (preview)
- Issuer registration summary

B. Technical Documentation

- Whitepaper (if published)
- Tokenomics document
- Smart contract summary

C. Blockchain Transparency

- Network (Polygon)
- Contract address (post-deployment only)
- Block explorer link (post-deployment only)
- Smart contract audit report (mandatory before mainnet)

Documents must be managed via CMS.

Table:
token_documents

- document_id
- token_id
- name
- file_url
- category
- version
- visibility_flag

Section E – FAQ

Accordion format:

- What is this token?
- Can I trade it?
- How does lock-in work?
- How are tokens minted?
- What happens after I invest?
- How does KYC work?

Must be editable via admin panel.

Section F – Final CTA Block

Based on access_type:

OPEN:
→ “Request Access”

INVITE_ONLY:
→ “Enter Access Code”

CLOSED:
→ “Offering Closed”

This transitions to onboarding.

4.3 INVESTOR ONBOARDING FLOW

After CTA:

User enters gated flow.

4.3.1 SCREEN 03 – Profile Creation

Required fields:

- Full legal name
- Nationality
- Country of residence
- Phone (OTP verified)
- Email (OTP verified)
- Acceptance of wallet agreement

Backend validation:

- Sanctions screening
- Restricted geography check

4.3.2 SCREEN 04 – KYC Flow

Provider: Sumsub (or equivalent)

States:

- NOT_STARTED
- IN_PROGRESS
- AUTO_APPROVED
- MANUAL_REVIEW
- APPROVED
- REJECTED

Rules:

- No investment intent allowed unless KYC = APPROVED
- Token Drops allowed only if KYC = APPROVED
- Manual override requires reason + document upload
- All actions logged

4.4 WALLET CREATION (POST-KYC)

Upon:
KYC Status = APPROVED

System automatically:

1. Generates custodial wallet
2. Encrypts private key in vault/HSM
3. Whitelists address in smart contract
4. Sets wallet_status = ACTIVE
5. Logs audit event

Investor does not manage or activate wallet.

4.5 INVESTMENT INTENT

Min and max configurable per token.

API:
POST /investment/intent

Validation:

- Allocation cap
- Jurisdiction limits
- Investor limits

Creates:

- Investment record
- Payment pending state

4.6 PAYMENT LAYER

Option A – Fiat

- Bank transfer
- Manual/API reconciliation
- Status: PENDING → CONFIRMED

Option B – USDT (TRC20)

- Unique TRON address per investment
- ≥20 confirmations
- Under/over payment handling

4.7 TOKEN MINTING

Trigger conditions (Investment Mint):

- KYC = APPROVED
- Payment = CONFIRMED
- Compliance clearance passed

Trigger conditions (Drop Mint):

- KYC = APPROVED
- Wallet = ACTIVE
- Admin-initiated drop

Execution:

- Call mint()
- Apply lock timestamp
- Record tx hash

Each mint must include:

mint_type (INVESTMENT | DROP)

Stored in token_mints table.

4.8 PORTFOLIO DASHBOARD

Displays:

- Total Token Balance
- Breakdown:
  - Investment Tokens
  - Drop / Incentive Tokens
- Lock expiry
- Allocation history with badge:
  - [INVESTMENT]
  - [DROP – Campaign Name]
- Investment history
- Token Market Suggested reference value (informational only)

Differentiation must not rely solely on color.
Textual badge required.

FINAL FLOW SUMMARY

Visitor:
Splash → Marketplace → Token Detail

If eligible:
CTA → Profile → KYC → Wallet Creation

Then:
Investment → Payment → Mint
or
Admin Drop → Mint

This structure ensures:

- Open discovery
- Token-level access control
- EU-based institutional positioning
- Compliance gating before allocation
- Scalable architecture for multi-token future

This version is aligned with your EU shift, token-level gating, and stakeholder-grade presentation.