

VERSO Phase 2: Platform Restructuring Plan

Version: 1.2 **Date:** December 16, 2025 **Status:** Final Draft for Review

1. Executive Summary

VERSO is restructuring its platform into TWO portals:

Admin Portal (/versotech_admin/) Internal platform operations: settings, content management, analytics.

Main Portal (/versotech_main/) All business users access ONE portal with role-based views. Seven distinct personas use this portal:

1. CEO
2. Arranger
3. Lawyer
4. Investor
5. Partner
6. Introducer
7. Commercial Partner

Each persona is an **ENTITY** (company/account) that can have **MULTIPLE USERS** (people with login access). This is the core architectural principle.

2. The Seven Personas

Each persona type represents a different business relationship with VERSO. Below is what each persona does and why they're distinct.

2.1 CEO

Business Role: Manages the entire VERSO platform.

What they do:

- Create and manage all user types (investors, arrangers, lawyers, partners, commercial partners, introducers)
- Manage investment opportunities (deals)
- Review and approve KYC submissions
- Track fees, invoices, and reconciliation
- View reporting and analytics
- Handle GDPR requests and compliance
- Manage the signature queue (Verso Sign)

Why they exist: Someone needs full administrative control. This is the CEO persona.

Key sections from user stories:

- Create User (Investor, Arranger, Lawyer, Partner, Commercial Partner, Introducer)
 - Manage Opportunity (Create, Edit, Archive, View subscribers, Manage documents)
 - Reporting (Platform analytics)
 - GDPR (Data requests, right to be forgotten)
-

2.2 Arranger

Business Role: Structures deals and manages relationships.

What they do:

- Manage their profile and company information
- View and manage their Partners (entities they work with)
- View and manage their Introducers (entities that bring them deals)
- View and manage their Commercial Partners
- View and manage their Lawyers
- View and manage their Mandates (deals they're structuring)

Why they exist: Arrangers are regulated entities that structure investment vehicles. They have their own network of partners, introducers, and lawyers.

Key sections from user stories:

- Profile (Personal info, entity details)
- My Partners (Fee models, agreements)
- My Introducers (Introducer relationships)

- My Commercial Partners (Commercial partner relationships)
 - My Lawyers (Legal counsel assignments)
 - My Mandates (Deals being structured)
-

2.3 Lawyer

Business Role: External legal counsel assigned to specific deals.

What they do:

- Manage their profile
- Receive notifications about deals they're assigned to
- Handle escrow accounts (view, approve releases)
- View reporting for their deals
- Sign legal documents via Verso Sign

Why they exist: Lawyers provide legal services for specific transactions. They only see deals they're assigned to.

Key sections from user stories:

- Profile
 - Notifications (New subscription pack, Funded subscription, Escrow release request, Certificate request)
 - Escrow Account Handling (View accounts, View transactions, Approve release)
 - Reporting (Their deal activity)
-

2.4 Investor

Business Role: Invests capital into deals.

What they do:

- Manage their profile (personal info, KYC documents, compliance questionnaire, bank details)
- Browse investment opportunities
- Request access to deal data rooms
- Sign NDAs
- Submit subscription requests
- Sign subscription packs

- Fund investments
- View their portfolio (active investments)
- Request and receive certificates
- Sell investments (secondary sales)
- Receive notifications about their investments

Why they exist: Investors are the core users. They provide capital.

Key sections from user stories:

- Profile (Personal info, KYC, Compliance, Bank details)
 - My Opportunities (View deals, Request dataroom access, Sign NDA, Submit subscription, Sign subscription pack, View funding instructions, Request certificates)
 - My Investments (Portfolio view, Position details)
 - Notifications (Deal updates, Document requests, Status changes)
 - Investment Sales (Sell positions)
-

2.5 Partner

Business Role: Invests AND brings other investors to deals.

What they do:

- **EVERYTHING an Investor does** (the user stories explicitly state: "My opportunities as investor even if I am partner")
- PLUS: View opportunities they're assigned to as a partner
- PLUS: Track transactions from investors they brought
- PLUS: View reporting on their partner activity
- PLUS: Share investment opportunities with their network
- PLUS: View shared transactions

Why they exist: Partners have a dual relationship - they invest their own money AND bring other investors. They need both views.

Key sections from user stories:

- Profile
- My Opportunities (SAME AS INVESTOR - explicitly stated)
- My Transactions as Partner:
 - View opportunities assigned as partner
 - View opportunity transactions (what their referred investors did)

- Reporting as Partner
- Shared Transactions (opportunities shared with others)

Critical distinction: A Partner is NOT just "someone who is both investor and introducer." A Partner is its own entity type with specific features. The user stories show Partner has explicit sections that differ from Introducer.

2.6 Introducer

Business Role: Brings new investors to deals for a commission.

What they do:

- **EVERYTHING an Investor does** (the user stories explicitly state: "My opportunities as investor even if I am Introducer")
- PLUS: Sign Introducer Agreements with VERSO
- PLUS: Track their introductions (referrals)
- PLUS: View reporting on their introducer activity

Why they exist: Introducers earn commissions for bringing investors. Unlike Partners, they don't necessarily invest themselves (though they can, since they have the full investor journey available).

Key sections from user stories:

- Profile
- My Opportunities (SAME AS INVESTOR - explicitly stated)
- My Introductions:
 - Introducer Agreements (legal agreements with VERSO about commission terms)
 - Introductions Tracking (status of referrals)
 - Reporting as Introducer (commission tracking)

Critical distinction from Partner:

- Introducer has "Introducer Agreements" (fee agreements with VERSO)
 - Partner has "View opportunity transactions" and "Shared Transactions" (they see what their investors do)
 - Different business model, different features
-

2.7 Commercial Partner

Business Role: Institutional partner that can act on behalf of clients.

What they do:

- **EVERYTHING an Investor does** (has full investor journey)
- PLUS: View opportunities they're assigned to as commercial partner
- PLUS: Track transactions for their clients
- PLUS: Sign Placement Agreements with VERSO
- PLUS: Execute (sign) documents on behalf of their clients

Why they exist: Commercial Partners represent institutions (wealth managers, family offices) that place capital on behalf of their clients. Unlike regular Partners, they CAN sign subscription packs for their clients.

Key sections from user stories:

- Profile
- My Opportunities (SAME AS INVESTOR)
- My Transactions as Commercial Partner:
 - View opportunities assigned as commercial partner
 - View transactions for clients
 - Reporting as Commercial Partner
- My Placement Agreements (legal agreements defining their relationship with VERSO)

Critical distinction from Partner:

- Commercial Partner has "Placement Agreements" (formal institutional agreements)
- Commercial Partner CAN execute on behalf of clients (Partner cannot)
- Different legal/regulatory relationship

3. The Entity-User Model

3.1 The Core Principle

Every persona type is an **ENTITY** (the account/company) that can have **MULTIPLE USERS** (people with login access).

Why this matters:

Real-world example: "Smith Family Trust" is an investor entity. Three people need access:

- John Smith (Trustee) - can sign documents
- Mary Smith (Trustee) - can sign documents
- Jane Doe (Assistant) - can view but not sign

With the correct design, all three can log in. With a wrong design (single user_id), only one person can access the account.

3.2 The Correct Pattern

Every entity type needs TWO tables:

Entity Table (the account)

- `investors` - Investor accounts
- `introducers` - Introducer accounts
- `partner_entities` - Partner accounts
- `commercial_partner_entities` - Commercial partner accounts
- `arranger_entities` - Arranger accounts
- `lawyer_entities` - Lawyer accounts (or firms)

Linking Table (who can access)

- `investor_users` - Links profiles to investors
- `introducer_users` - Links profiles to introducers
- `partner_users` - Links profiles to partner_entities
- `commercial_partner_users` - Links profiles to commercial_partner_entities
- `arranger_users` - Links profiles to arranger_entities
- `lawyer_users` - Links profiles to lawyer_entities

For CEO, we have options:

- Use `profiles.role = 'ceo'` for simple detection
- Or create `ceo_users` table if CEOs need entity-level organization

3.3 Current Database State

The current database has inconsistent patterns:

CORRECT (already exists):

- `investors` table with `investor_users` linking table

INCORRECT (needs fixing):

- `introducers` table has a single `user_id` column (only allows ONE user per introducer)

MISSING (needs creation):

- `introducer_users` table
 - `partner_entities` + `partner_users` tables
 - `commercial_partner_entities` + `commercial_partner_users` tables
 - `arranger_users` table (`arranger_entities` exists but has no linking table)
 - `lawyer_entities` + `lawyer_users` tables (or use `deal_memberships` for lawyer assignments)
-

4. Persona Detection Logic

When a user logs in, the system determines which personas they have by checking the linking tables:

1. `SELECT * FROM investor_users WHERE user_id = [logged_in_user]`
→ If found, user is an INVESTOR for that investor entity
2. `SELECT * FROM introducer_users WHERE user_id = [logged_in_user]`
→ If found, user is an INTRODUCER for that introducer entity
3. `SELECT * FROM partner_users WHERE user_id = [logged_in_user]`
→ If found, user is a PARTNER for that partner entity
4. `SELECT * FROM commercial_partner_users WHERE user_id = [logged_in_user]`
→ If found, user is a COMMERCIAL PARTNER for that entity
5. `SELECT * FROM arranger_users WHERE user_id = [logged_in_user]`
→ If found, user is an ARRANGER for that arranger entity
6. `SELECT * FROM lawyer_users WHERE user_id = [logged_in_user]`
→ If found, user is a LAWYER
7. `SELECT role FROM profiles WHERE id = [logged_in_user]`
→ If role = 'ceo', user is a CEO

A single user can have MULTIPLE personas. Example: John Doe might be:

- An Investor (via `investor_users`)
- AND an Introducer (via `introducer_users`)
- AND a Partner (via `partner_users`)

The system shows navigation items and features for ALL their personas.

5. What Each Persona Sees

5.1 CEO Navigation

Based on user stories section "1. CEO":

- **Dashboard** - Platform overview, KYC pipeline, deal flow
- **Users** - Manage all user types
 - Create/Edit/View Investor
 - Create/Edit/View Arranger
 - Create/Edit/View Lawyer
 - Create/Edit/View Partner
 - Create/Edit/View Commercial Partner
 - Create/Edit/View Introducer
- **Opportunities** - Deal management
 - Create/Edit/Archive deals
 - View subscribers
 - Manage deal documents
 - Document generation (subscription packs)
- **KYC Review** - Approve/reject KYC submissions
- **Fees** - Fee tracking and reconciliation
- **Verso Sign** - Signature queue management
- **Documents** - All platform documents
- **Audit** - Audit logs, compliance
- **GDPR** - Data requests, erasure

5.2 Arranger Navigation

Based on user stories section "2. Arranger":

- **Dashboard** - Mandate summary
- **Profile** - Personal and entity information
- **My Partners** - Partner relationships and fee models
- **My Introducers** - Introducer relationships
- **My Commercial Partners** - Commercial partner relationships
- **My Lawyers** - Legal counsel assignments
- **My Mandates** - Deals being arranged
- **Documents** - Mandate documents

- **Inbox** - Messages and notifications

5.3 Lawyer Navigation

Based on user stories section "3. Lawyer":

- **Dashboard** - Assigned deals summary
- **Profile** - Personal information
- **My Assigned Deals** - Deals they're legal counsel for
- **Escrow Accounts** - View and manage escrow
- **Documents** - Deal documents
- **Verso Sign** - Documents requiring signature
- **Inbox** - Notifications (subscription packs, funding, certificates)
- **Reporting** - Activity reports

5.4 Investor Navigation

Based on user stories section "4. Investor":

- **Dashboard** - Portfolio summary, pending tasks
- **Profile** - Personal info, KYC, Compliance, Bank details
- **My Opportunities** - Browse deals
 - View deal details
 - Request data room access
 - Sign NDA
 - Submit subscription
 - Sign subscription pack
 - View funding instructions
 - Request certificates
- **My Investments** - Active portfolio
 - Position details
 - Performance
 - Documents (K-1s, statements)
- **Documents** - All investor documents
- **Verso Sign** - Signature queue
- **Inbox** - Messages, notifications
- **Investment Sales** - Sell positions

5.5 Partner Navigation

Based on user stories section "5. Partner":

Includes everything from Investor, PLUS:

- **My Transactions as Partner**

- View opportunities assigned as partner
- Track investor transactions
- Partner reporting
- Shared transactions

5.6 Introducer Navigation

Based on user stories section "6. Introducer":

Includes everything from Investor, PLUS:

- **My Introductions**

- Introducer Agreements (fee agreements)
- Introduction tracking
- Introducer reporting

5.7 Commercial Partner Navigation

Based on user stories section "7. Commercial Partner":

Includes everything from Investor, PLUS:

- **My Transactions as Commercial Partner**

- View assigned opportunities
- Track client transactions
- Commercial partner reporting

- **My Placement Agreements** - Institutional agreements with VERSO

6. Database Changes Required

6.1 New Tables

A. `introducer_users`

Purpose: Allow multiple users per introducer entity
Fields:

```
- id (uuid, primary key)
- introducer_id (uuid, references introducers)
- user_id (uuid, references profiles)
- role (text: 'admin', 'member')
- created_at (timestamp)
```

B. partner_entities

Purpose: Partner accounts (distinct from introducers)

Fields:

```
- id (uuid, primary key)
- legal_name (text)
- status (text: 'active', 'pending', 'inactive')
- created_at (timestamp)
- updated_at (timestamp)
```

C. partner_users

Purpose: Link users to partner entities

Fields:

```
- id (uuid, primary key)
- partner_id (uuid, references partner_entities)
- user_id (uuid, references profiles)
- can_sign (boolean) - whether this user can sign documents
- created_at (timestamp)
```

D. commercial_partner_entities

Purpose: Commercial partner accounts

Fields:

```
- id (uuid, primary key)
- legal_name (text)
- status (text)
- created_at (timestamp)
- updated_at (timestamp)
```

E. commercial_partner_users

Purpose: Link users to commercial partner entities

Fields:

```
- id (uuid, primary key)
- commercial_partner_id (uuid, references commercial_partner_entities)
- user_id (uuid, references profiles)
- can_execute_for_clients (boolean) - whether this user can sign on behalf of clients
- created_at (timestamp)
```

F. arranger_users

Purpose: Link users to arranger entities (arranger_entities already exists)

Fields:

```
- id (uuid, primary key)
```

```
- arranger_entity_id (uuid, references arranger_entities)
- user_id (uuid, references profiles)
- role (text)
- created_at (timestamp)
```

G. placement_agreements

Purpose: Track commercial partner placement agreements

Fields:

```
- id (uuid, primary key)
- commercial_partner_id (uuid, references commercial_partner_entities)
- document_id (uuid, references documents)
- status (text)
- effective_date (date)
- created_at (timestamp)
```

H. introducer_agreements

Purpose: Track introducer fee agreements

Fields:

```
- id (uuid, primary key)
- introducer_id (uuid, references introducers)
- document_id (uuid, references documents)
- commission_rate (decimal)
- status (text)
- effective_date (date)
- created_at (timestamp)
```

6.2 Changes to Existing Tables

A. profiles.role enum

- Current values: investor, staff_admin, staff_ops, staff_rm
- Remove: staff_admin, staff_ops, staff_rm
- Add: ceo
- Note: "investor" in profiles.role is redundant since we detect via investor_users. Consider removing entirely and detecting all personas via linking tables.

B. introducers table

- Deprecate the `user_id` column
- Keep it for backwards compatibility during migration
- All new code should use `introducer_users` table

C. investor_members table (if exists)

- Add `is_signatory` boolean field
- Purpose: Only signatories can sign subscription packs

6.3 Tables that may already exist (verify before creating)

- `arranger_entities` - Exists, confirmed
- `investors` - Exists, confirmed
- `investor_users` - Exists, confirmed
- `introducers` - Exists, confirmed
- `deal_memberships` - May exist, used for lawyer assignment

6.4 Data Migration Strategy

A. Existing `introducers.user_id` → `introducer_users`

1. For each introducer with non-null user_id:
 - `INSERT INTO introducer_users (introducer_id, user_id, role, created_at)`
 - `VALUES (introducer.id, introducer.user_id, 'admin', introducer.created_at)`
2. Verify all records migrated
3. Update application code to use `introducer_users`
4. Keep `introducers.user_id` for backwards compatibility (deprecate, don't delete)

B. Existing `profiles.role` staff users → CEO

1. Users with `role = 'staff_admin'` → `role = 'ceo'`
2. Users with `role = 'staff_ops'` → `role = 'ceo'` (or new role if needed)
3. Users with `role = 'staff_rm'` → `role = 'ceo'` (or new role if needed)
4. Document which users were migrated for audit

C. RLS Policy Updates

1. All new tables require SELECT/INSERT/UPDATE/DELETE policies
2. Persona detection queries must be RLS-safe
3. Cross-persona data access must be explicitly denied
4. Service role bypasses for admin operations only

7. Signatory Logic

Not everyone linked to an entity can sign documents. Example:

"Smith Family Trust" (investor entity) has 3 users:

- John Smith (Trustee) - IS a signatory
- Mary Smith (Trustee) - IS a signatory
- Jane Doe (Assistant) - NOT a signatory

When generating a subscription pack for signature:

1. Look up all users linked to the investor entity
2. Filter to those marked as signatories
3. Create signature requests only for signatories

This requires tracking signatory status in the linking tables:

- `investor_users.is_signatory` (or `investor_members.is_signatory`)
 - `partner_users.can_sign`
 - `commercial_partner_users.can_execute_for_clients`
-

8. Route Structure

8.1 Admin Portal

```
/versotech_admin/
  /dashboard      - Platform metrics
  /settings       - Platform configuration
  /processes      - Workflow automations
  /cms            - Content management
```

8.2 Main Portal

```
/versotech_main/
  /login          - Single login for all personas
  /dashboard      - Persona-aware dashboard
  /profile         - User profile (KYC, Compliance, Bank)
  /documents        - All documents
  /versosign       - Signature queue
  /inbox           - Messages and notifications

  # Investor features
  /opportunities    - Browse deals
  /opportunities/[id] - Deal detail + data room
  /portfolio         - Active investments
  /portfolio/[id]    - Position detail
  /sales             - Investment sales

  # CEO features
  /users            - User management
  /users/investors   - Manage investors
  /users/introducers - Manage introducers
  /users/partners    - Manage partners
  /users/commercial-partners - Manage commercial partners
  /users/arrangers    - Manage arrangers
  /users/lawyers      - Manage lawyers
  /deals             - Deal management
  /kyc-review         - KYC approval queue
  /fees               - Fees and reconciliation
  /audit              - Audit logs
```

```

# Arranger features
/my-partners           - Partner relationships
/my-introducers        - Introducer relationships
/my-commercial-partners - Commercial partner relationships
/my-lawyers             - Lawyer assignments
/mandates               - Deals being arranged

# Lawyer features
/assigned-deals         - Deals assigned as counsel
/escrow                 - Escrow account management

# Partner features
/partner-transactions   - Partner activity tracking

# Introducer features
/introductions          - Introduction tracking
/introducer-agreements   - Fee agreements

# Commercial Partner features
/commercial-transactions - Commercial partner activity
/placement-agreements    - Placement agreements

```

9. Key Business Rules

9.1 What Partners CAN and CANNOT do

- CAN: Invest their own money (full investor journey)
- CAN: See transactions from investors they brought
- CAN: Share investment opportunities with their network
- CANNOT: Sign documents on behalf of investors they brought

9.2 What Commercial Partners CAN do differently

- CAN: Execute (sign) documents on behalf of their clients
- Have formal Placement Agreements that define this relationship

9.3 What Introducers CAN and CANNOT do

- CAN: Invest their own money (full investor journey available)
- CAN: Track introductions and commissions
- CANNOT: See detailed transaction info for investors they introduced
- Have Introducer Agreements that define commission terms

9.4 Lawyer Access Rules

- Can ONLY see deals they are assigned to
 - Cannot see other deals or other users
 - Assignment tracked via deal_memberships or lawyer_users
-

10. Summary: What Makes Each Persona Different

Persona	Invests Own Money	Brings Investors	Can Sign for Others	Has Agreements
CEO	N/A	N/A	N/A (admin)	N/A
Arranger	No	No	No	Mandate agreements
Lawyer	No	No	No (signs own docs)	No
Investor	Yes	No	No	No
Partner	Yes	Yes	No	No
Introducer	Yes (optional)	Yes	No	Introducer Agreements
Commercial Partner	Yes	Yes	YES	Placement Agreements

11. UI/UX Changes Required

These changes are documented in the client vision and must be implemented.

11.1 Investment Opportunities (Investor Journey)

Current State:

- `/versoholdings/deals` - List of deals
- `/versoholdings/deal/[id]` - Deal detail
- `/versoholdings/data-rooms` - Separate data room list
- `/versoholdings/data-rooms/[dealId]` - Data room detail with subscription form

Required Changes:

1. **Rename** "Active Deals" → "Investment Opportunities"
2. **Integrate data room** inside Investment Opportunity detail (remove separate Data Rooms page from navigation)

3. **Add journey/progress bar** showing investor journey stages:
 - Opportunity Received → Interest Confirmed → NDA Signed → Data Room Access → Subscription Pack → Signed → Funded → Active Investment
4. **Portfolio integration** - Investment becomes part of "My Investments" only when active (funded)

11.2 Tasks & Notifications

Current State:

- `/versoholdings/tasks` - Tasks page in sidebar
- `/versoholdings/notifications` - Notifications page in sidebar

Required Changes:

1. **Merge** tasks and notifications into unified "Inbox" component
2. **Remove** from sidebar
3. **Move** to header (top-right, near profile icon)
4. **Categorize** by:
 - Investment Opportunity (group by deal)
 - Type (Signatures, KYC, Compliance, Funding, etc.)

11.3 Documents

Current State:

- `/versoholdings/reports` - Contains "Requests" + "Documents" views
- `/versoholdings/documents` - Redirects to reports

Required Changes:

1. **Rename** "Reports" → "Documents"
2. **Keep** document request functionality (as tab or sub-section)

11.4 Profile - KYC vs Compliance Split

Current State:

- Profile has "KYC & Onboarding" as single tab
- Compliance questionnaire mixed with KYC documents

Required Changes:

1. **Split into two tabs:**
 - **KYC tab** - Identity documents, proof of address, entity documents, onboarding forms

- o **Compliance tab** - Questionnaire, accreditation status, suitability, risk tolerance
2. **Rename** or clarify "Entities" tab (currently confusing)

11.5 Staff Features → CEO Features

Current State (Staff Portal):

- `/versotech/staff/approvals` - Approvals queue
- `/versotech/staff/messages` - Messages
- `/versotech/staff/investors` - Investor management
- `/versotech/staff/arrangers` - Arranger management
- `/versotech/staff/introducers` - Introducer management

Required Changes:

1. **Merge** Approvals + Messages into unified "Inbox" for CEO
2. **Consolidate** Investors + Arrangers + Introducers + Partners + Commercial Partners + Lawyers into ONE "Users" page with type filter/tabs

11.6 Theme Toggle

Current State:

- Investor portal: Light (blue/white)
- Staff portal: Dark
- Theme is hardwired based on portal, not user choice

Required Changes:

1. **Default** to light theme (investor style) for all users
2. **Add toggle** allowing user to switch to dark mode
3. **Persist** preference per user

12. Page Mapping: Existing vs New

This section maps existing pages to the new portal structure and identifies what's reusable vs what needs to be built new.

12.1 Existing Investor Portal Pages

Current Page	New Location	Reuse Level	Changes Needed
--------------	--------------	-------------	----------------

/versoholdings/dashboard	/versotech_main/dashboard	High	Add persona-awareness
/versoholdings/deals	/versotech_main/opportunities	High	Rename, update nav
/versoholdings/deal/[id]	/versotech_main/opportunities/[id]	Medium	Integrate data room, add journey bar
/versoholdings/data-rooms	REMOVED	N/A	Integrated into opportunities
/versoholdings/data-rooms/[dealId]	/versotech_main/opportunities/[id]	Medium	Merge into opportunity detail
/versoholdings/holdings	/versotech_main/portfolio	High	Rename
/versoholdings/vehicle/[id]	/versotech_main/portfolio/[id]	High	Rename
/versoholdings/tasks	REMOVED from sidebar	Medium	Move to header notification center
/versoholdings/notifications	REMOVED from sidebar	Medium	Move to header notification center
/versoholdings/messages	/versotech_main/inbox	Medium	Merge with approvals for CEO
/versoholdings/reports	/versotech_main/documents	High	Rename
/versoholdings/profile	/versotech_main/profile	Medium	Split KYC/Compliance tabs

12.2 Existing Staff Portal Pages → CEO Features

Current Page	New Location	Reuse Level	Changes Needed
/versotech/staff (dashboard)	/versotech_main/dashboard	High	Persona-aware widgets
/versotech/staff/deals	/versotech_main/deals	High	CEO-only access

/versotech/staff/deals/[id]	/versotech_main/deals/[id]	High	Minimal changes
/versotech/staff/deals/new	/versotech_main/deals/new	High	Minimal changes
/versotech/staff/investors	/versotech_main/users	Medium	Consolidate with other user types
/versotech/staff/investors/[id]	/versotech_main/users/[id]	Medium	Add user type handling
/versotech/staff/arrangers	/versotech_main/users	Medium	Consolidate
/versotech/staff/introducers	/versotech_main/users	Medium	Consolidate
/versotech/staff/introducers/[id]	/versotech_main/users/[id]	Medium	Consolidate
/versotech/staff/approvals	/versotech_main/inbox	Medium	Merge with messages
/versotech/staff/messages	/versotech_main/inbox	Medium	Merge with approvals
/versotech/staff/fees	/versotech_main/fees	High	CEO-only access
/versotech/staff/kyc-review	/versotech_main/kyc-review	High	CEO-only access
/versotech/staff/versosign	/versotech_main/versosign	High	All personas
/versotech/staff/audit	/versotech_main/audit	High	CEO-only access
/versotech/staff/reconciliation	/versotech_main/reconciliation	High	CEO-only access
/versotech/staff/subscriptions	/versotech_main/subscriptions	High	CEO-only access
/versotech/staff/documents	/versotech_main/documents	High	Persona filtering
/versotech/staff/admin	/versotech_admin/dashboard	High	Move to admin portal

12.3 New Pages Required (Not Existing)

New Page	Persona	Description
----------	---------	-------------

/versotech_main/partner-transactions	Partner	Track referred investor transactions
/versotech_main/introductions	Introducer	Track introductions and commissions
/versotech_main/introducer-agreements	Introducer	View/sign introducer agreements
/versotech_main/commercial-transactions	Commercial Partner	Track client transactions
/versotech_main/placement-agreements	Commercial Partner	View/sign placement agreements
/versotech_main/mandates	Arranger	Deals being arranged
/versotech_main/my-partners	Arranger	Partner relationships
/versotech_main/my-introducers	Arranger	Introducer relationships
/versotech_main/my-commercial-partners	Arranger	Commercial partner relationships
/versotech_main/my-lawyers	Arranger	Lawyer assignments
/versotech_main/assigned-deals	Lawyer	Filtered deal view
/versotech_main/escrow	Lawyer	Escrow account management

13. Implementation Phases

Total estimated time: **182 hours**

Ordering Principle: Database schema must be stable BEFORE dependent UI development begins. This ensures TypeScript types are correct, RLS policies are in place, and no mid-project rework is needed.

Phase 1: Database Schema & Migration (~24 hours)

Objective: Create all required database tables, RLS policies, and migrate existing data. This MUST be done first so all subsequent phases have stable types and data.

Deliverables:

A. Entity-User Linking Tables:

1. Create `introducer_users` table (multi-user per introducer)
2. Create `partner_entities` + `partner_users` tables
3. Create `commercial_partner_entities` + `commercial_partner_users` tables
4. Create `arranger_users` table (arranger_entities already exists)

5. Create `lawyer_entities` + `lawyer_users` tables (or configure deal_memberships)
6. Create `placement_agreements` table
7. Create `introducer_agreements` table
8. Add `is_signatory` boolean to `investor_users` (or `investor_members`)
9. Update `profiles.role` enum: add `ceo`, deprecate `staff_*` values

B. Companies Table (Vehicle vs Company Separation): 10. Create `companies` table: - `id` (uuid, primary key) - `legal_name` (text) - `address` (text) - domicile of company - `country` (text) - `logo_url` (text) - `website` (text) - `created_at`, `updated_at` (timestamps) 11. Add `vehicles.company_id` (uuid, FK to companies) 12. Create `company_stakeholders` table (move from vehicle level) 13. Create `company_directors` table (move from vehicle level) 14. Create `company_valuations` table (move from vehicle level)

C. Deals Table Updates: 15. Add `deals.stock_type` field (text: 'preferred_stock', 'common_stock', 'series_a', etc.) 16. Make `deals.vehicle_id` NOT NULL (required for all deals)

D. KYC Document Types Cleanup: 17. Remove NDA, DNC from KYC document type enum (these are investment documents, not KYC)

Correct KYC Document Types (for entities):

- Incorporation Certificate
- Memorandum of Association
- Register of Members
- Register of Directors
- ID for each member
- Proof of Address for each member
- Bank confirmation (for wire instructions)

NOT KYC documents (remove from KYC enum):

- NDA (investment document)
- DNC (investment document)
- Questionnaire (compliance, not KYC)

E. Data Migrations: 18. Migrate existing `introducers.user_id` → `introducer_users` 19. Migrate existing `staff_admin` users → `ceo` role 20. Migrate stakeholders/directors/valuations from vehicles to companies 21. Create RLS policies for ALL new tables 22. Regenerate TypeScript types

Database Changes:

- 12+ new tables with full RLS policies
- `companies` table with related tables (stakeholders, directors, valuations)

- `deals.stock_type` field, `deals.vehicle_id` NOT NULL
- Enum migration for `profiles.role`
- KYC document types cleanup
- Data migration for introducers, staff users, and company data

Files Affected:

- `supabase/migrations/` - New migration files
- `src/types/supabase.ts` - Regenerated types

API Routes Affected:

- None yet (schema only)

Estimated Hours: 24

Phase 2: Auth & Portal Structure (~25 hours)

Objective: Create the new portal skeleton, authentication foundation, persona detection, and legacy redirects.

Deliverables:

1. Create `/versotech_main` route group with shared layout
2. Create `/versotech_admin` route group with admin-only layout
3. Implement single login page (`/versotech_main/login`)
4. Update middleware to handle new portal prefixes
5. Implement persona detection logic via `getUserPersonas()` function
6. Create persona-aware navigation component
7. **Persona switcher UI** for hybrid users (dropdown in user menu)
8. Add theme toggle (light/dark) with user persistence
9. Set up all legacy URL redirects (see Section 17)
10. **Move Processes to Admin Portal** - The "Processes" feature (workflow automations) belongs in Admin Portal, not Main Portal

Database Changes:

- None (schema complete from Phase 1)

Files Affected:

- `middleware.ts` - New portal routing + legacy redirects

- `lib/auth.ts` - Persona detection function (`getUserPersonas()`)
- `lib/auth-client.ts` - Client-side persona awareness
- `app/api/auth/signin/route.ts` - Redirect based on personas, not brand
- `app/auth/callback/page.tsx` - Redirect based on persona
- `components/auth-handler.tsx` - Persona-aware callback handling
- `components/layout/app-layout.tsx` - Remove hard brand coupling
- `components/layout/sidebar.tsx` - Persona-aware navigation
- `components/layout/user-menu.tsx` - Persona switcher dropdown
- `components/theme-provider.tsx` - User toggle + persistence

API Routes Affected:

- `app/api/auth/signin/route.ts` - Persona-based redirect
- `app/api/auth/signout/route.ts` - Clear persona state

Estimated Hours: 25

Phase 3: Investor Journey Restructure (~40 hours)

Objective: Implement the new investment opportunities experience with integrated data room, journey bar, and correct subscription pack workflow.

Deliverables:

A. Opportunity Pages (10 hours)

1. Create `/versotech_main/opportunities` page (rename from deals)
2. Create `/versotech_main/opportunities/[id]` with:
 - Overview section (deal details)
 - Integrated data room (documents tab, NDA signing)
 - Subscription pack section (submit, sign, fund)
 - **Journey progress bar** showing investor stages
3. Create `/versotech_main/portfolio` page (rename from holdings)
4. Create `/versotech_main/portfolio/[id]` (rename from vehicle)
5. Remove separate `/data-rooms` navigation item
6. Journey bar component with stages: Interest → NDA → Data Room → Subscribe → Sign → Fund → Active
7. **Stock type display** - Show stock type field in deal detail (data from `deals.stock_type`)

B. Subscription Pack Workflow (CRITICAL - 12 hours) Important: NO DRAFT STEP. Pack generates immediately when investor clicks "Invest."

Correct Workflow:

1. Investor clicks "Invest \$X"
2. System checks prerequisites (KYC complete, NDA signed, etc.)
3. System auto-generates subscription pack with:
 - o All entity signatories identified (up to 10)
 - o CEO signature block(s)
 - o All dynamic fields populated
4. System creates signature requests for ALL signatories
5. Goes directly to signing queue (NO draft review step)
6. If comments needed, handled AFTER first version shared

Implementation:

- Update `deal_subscription_submissions` flow to auto-generate pack
- Create subscription pack template with multiple signature blocks (max 10)
- Update signature request creation to handle all signatories
- Remove any draft approval step from current flow

C. NDA vs Subscription Pack Handling (6 hours)

- **NDA:** One NDA per signatory (entity with 3 signatories = 3 separate NDAs)
- **Subscription Pack:** ONE pack with MULTIPLE signature blocks (entity with 3 signatories = 1 pack with 3 blocks)

D. Entity-Level Data Room Access (8 hours) Rule: ALL signatories must sign NDA before ANY entity user gets data room access.

Rule:

1. Entity has N signatories
2. ALL N must sign their individual NDAs
3. THEN all users (signatories + non-signatories) linked to entity get data room access
4. Address used in NDA = ENTITY address (not individual address)

Implementation:

- Update data room access grant logic
- Check `deal_ndas_signatures` for ALL signatories of entity
- Only grant access when count matches total signatory count

- Update RLS policy for `deal_data_room_access` table

E. CEO Deal Creation UI (4 hours)

- Add stock type selector in deal creation form
- Required vehicle selection (vehicle_id is NOT NULL)
- Display company info from linked vehicle.company

Journey Bar Data Sources:

- `investor_deal_interest` → Interest stage
- `deal_nds_signatures` → NDA stage (check ALL signatories)
- `deal_data_room_access` → Data Room stage
- `deal_subscription_submissions` → Subscribe stage
- `signature_requests` → Sign stage (check ALL signatories)
- `allocations.funding_status` → Fund stage
- `subscriptions` → Active stage

Database Changes:

- None (uses existing tables from Phase 1)

Files Affected:

- New: `app/(main)/versotech_main/opportunities/page.tsx`
- New: `app/(main)/versotech_main/opportunities/[id]/page.tsx`
- New: `app/(main)/versotech_main/portfolio/page.tsx`
- New: `app/(main)/versotech_main/portfolio/[id]/page.tsx`
- New: `components/investor/journey-bar.tsx`
- New: `components/deals/subscription-pack-generator.tsx`
- Update: `api/deals/[id]/subscribe/route.ts` - Auto-generate pack
- Update: `api/data-room/access/route.ts` - Entity-level access logic
- Update: `components/deals/deal-form.tsx` - Stock type, required vehicle
- Update: Sidebar navigation

API Routes Affected:

- Existing `/api/deals/*` routes (reuse)
- Existing `/api/data-room/*` routes (reuse + update)
- Update: `/api/deals/[id]/subscribe` - Auto-generate subscription pack
- Update: `/api/data-room/access` - Entity-level signatory check

- New: `/api/investor/journey-status/[dealId]` - Aggregate journey state

Estimated Hours: 40

Phase 4: UI/UX Consolidation (~26 hours)

Objective: Consolidate tasks/notifications into header, simplify documents, split profile tabs, and fix terminology.

Deliverables:

A. Tasks & Notifications (8 hours)

1. Create header notification center component (bell icon near profile)
2. Unified dropdown panel showing:
 - Tasks (grouped by deal, then by category)
 - Notifications (grouped by type: signatures, KYC, compliance, funding)
3. Remove Tasks and Notifications from sidebar
4. Badge showing unread count

B. Documents (8 hours)

1. Rename "Reports" → "Documents" in navigation
2. Keep document request functionality as sub-tab
3. Update all references

C. Profile KYC/Compliance Split (8 hours)

1. Split "KYC & Onboarding" into:
 - **KYC tab:** Identity documents, proof of address, entity documents
 - **Compliance tab:** Questionnaire, accreditation, suitability, risk tolerance
2. Rename "Entities" tab → "My Entities" or "Linked Accounts"
3. Update profile navigation

D. Terminology Updates (2 hours) Required terminology changes:

1. "**Utility bill**" → "**Proof of Address**"
 - KYC document types: rename "utility_bill" to "proof_of_address"
 - UI labels: "Utility Bill" becomes "Proof of Address"
 - Note: Utility bill is one EXAMPLE of proof of address, not the only option
2. "**Investors**" tab → "**Subscriptions**" tab (Vehicle Detail)

- On vehicle detail page, tab showing investors should be renamed
- Because: Subscription = in-progress journey, Position = funded/active
- Shows investors who have subscribed to the vehicle

3. "Entity" → "Vehicle" in relevant contexts

- Where "Entity" refers to investment structures (series/compartments), rename to "Vehicle"
- Keep "Entity" for investor/partner/introducer entities (people/companies)

Database Changes:

- None (reorganization of existing data display)

Files Affected:

- New: `components/layout/notification-center.tsx`
- Update: `components/layout/header.tsx`
- Update: `app/(main)/versotech_main/documents/page.tsx` (rename from reports)
- Update: `components/profile/profile-page-client.tsx`
- New: `components/profile/kyc-tab.tsx`
- New: `components/profile/compliance-tab.tsx`
- Update: Sidebar navigation

API Routes Affected:

- Existing `/api/notifications/*` (reuse)
- Existing `/api/tasks/*` (reuse)

Estimated Hours: 26

Phase 5: CEO Features - Inbox & Users (~24 hours)

Objective: Merge approvals+messages into unified inbox and consolidate all user types into one management page.

Deliverables:

A. Unified Inbox (12 hours)

1. Create `/versotech_main/inbox` with tabs:
 - Messages (existing messaging)
 - Approvals (existing approvals queue)
 - Requests (document requests, access requests)

2. Unified notification for new items
3. CEO-specific filters and bulk actions

B. Users Consolidation (12 hours)

1. Create `/versotech_main/users` consolidated page with:
 - o Type filter tabs: All | Investors | Arrangers | Introducers | Partners | Commercial Partners | Lawyers
 - o Unified search across all user types
 - o Reuse existing table components with adapter pattern
2. Create `/versotech_main/users/[id]` that:
 - o Detects user type from URL or query param
 - o Renders appropriate detail component
 - o Shows all personas for hybrid users
3. Include existing entities management (staff entities page → users)

Database Changes:

- None (tables exist from Phase 1)

Files Affected:

- New: `app/(main)/versotech_main/inbox/page.tsx`
- New: `components/inbox/inbox-tabs.tsx`
- New: `app/(main)/versotech_main/users/page.tsx`
- New: `app/(main)/versotech_main/users/[id]/page.tsx`
- New: `components/users/user-type-adapter.tsx`
- Reuse: Existing investor/introducer/arranger detail components

API Routes Affected:

- Existing `/api/conversations/*` (reuse for messages)
- Existing `/api/approvals/*` (reuse)
- New: `/api/users/search` - Unified search across all user types
- New: `/api/users/[id]` - Get user with all personas

Estimated Hours: 24

Phase 6: Partner, Introducer & Commercial Partner Features (~19 hours)

Objective: Build persona-specific pages for Partners, Introducers, and Commercial Partners.

Deliverables:

A. Partner Features (5 hours)

1. `/versotech_main/partner-transactions` - Track referred investor transactions
 - o List of investors they brought
 - o Transaction status per investor
 - o Reporting/analytics

B. Introducer Features (8 hours)

1. `/versotech_main/introductions` - Track introductions and status
2. `/versotech_main/introducer-agreements` - View/sign fee agreements
 - o Commission rates
 - o Agreement status
3. **CRITICAL: Introducer Agreement Prerequisite Important:** Fee agreement must be signed BEFORE introducer can introduce.

Process:

1. CEO sends fee proposal to introducer (e.g., "1% fee on total investment")
2. Introducer AGREES to fee terms (signs agreement)
3. THEN introducer can either:
 - Invite user directly (requires CEO approval), OR
 - Send contact details to VERSO (VERSO invites)
4. Block introduction functionality until agreement signed

Key Distinction from Partner: Partners don't have this process - "the partner will tell us so we're just going to invite him"

Implementation:

- o Check `introducer_agreements` for signed agreement before allowing introduction
- o UI: Show "Sign Agreement First" message if no agreement exists
- o API: Return 403 if introducer tries to introduce without agreement

C. Commercial Partner Features (6 hours)

1. `/versotech_main/commercial-transactions` - Track client transactions
2. `/versotech_main/placement-agreements` - View/sign placement agreements
 - o Client list
 - o Execute-on-behalf capability

Database Changes:

- None (tables exist from Phase 1)

Files Affected:

- New: `app/(main)/versotech_main/partner-transactions/page.tsx`
- New: `app/(main)/versotech_main/introductions/page.tsx`
- New: `app/(main)/versotech_main/introducer-agreements/page.tsx`
- New: `app/(main)/versotech_main/commercial-transactions/page.tsx`
- New: `app/(main)/versotech_main/placement-agreements/page.tsx`
- Update: Sidebar navigation (persona-conditional items)

API Routes Affected:

- New: `/api/partners/transactions` - Partner transaction data
- New: `/api/introducers/introductions` - Introduction tracking
- New: `/api/introducers/agreements` - Introducer agreements
- Update: `/api/introducers/introductions` - Block if no signed agreement
- New: `/api/commercial-partners/transactions` - Commercial partner data
- New: `/api/commercial-partners/placements` - Placement agreements

Estimated Hours: 19

Phase 7: Testing, Polish & Documentation (~24 hours)

Objective: Comprehensive testing of all persona flows, bug fixes, and documentation.

Deliverables:

A. Persona Flow Testing (10 hours)

1. Test CEO flow: Login → Dashboard → Users → Deals → KYC Review → Inbox
2. Test Investor flow: Login → Opportunities → Journey → Portfolio → Documents
3. Test Partner flow: Investor journey + Partner transactions
4. Test Introducer flow: Investor journey + Introductions + Agreements
5. Test Commercial Partner flow: Investor journey + Client transactions + Placements
6. Test Hybrid user: Switch between personas, verify navigation updates

B. Redirect & Migration Testing (4 hours)

1. Test ALL legacy URL redirects (30+ routes)

2. Verify no redirect loops
3. Verify query parameters preserved
4. Test deep links from emails/bookmarks

C. Security Testing (4 hours)

1. Verify RLS policies on all new tables
2. Test cross-persona data isolation
3. Verify persona detection cannot be spoofed
4. Test service role restrictions

D. Bug Fixes & Polish (4 hours)

1. Fix UI/UX issues discovered during testing
2. Performance optimization if needed
3. Error handling improvements

E. Documentation (2 hours)

1. Update CLAUDE.md with new routes
2. Document persona detection logic
3. Document new API routes

Files Affected:

- Various bug fixes across codebase
- `CLAUDE.md` - Updated documentation
- New: `docs/PHASE2_IMPLEMENTATION_NOTES.md`

Estimated Hours: 24

14. Phase Summary

Phase	Description	Hours	Dependencies
1	Database Schema & Migration	24	None (foundational)
2	Auth & Portal Structure	25	Phase 1 (needs types)
3	Investor Journey Restructure	40	Phase 2 (needs routes)
4	UI/UX Consolidation	26	Phase 3 (investor base)
5	CEO Features - Inbox & Users	24	Phase 1 (needs all tables)

6	Partner/Introducer/Commercial Features	19	Phase 1, 5 (needs tables + users page)
7	Testing, Polish & Documentation	24	All phases
TOTAL		182 hours	

Note: Timeline increased from original 160 hours to 182 hours due to additional requirements:

- Phase 1: +8 hours for companies table, stock_type field, vehicle required, KYC document cleanup
- Phase 2: +1 hour for moving Processes to Admin Portal
- Phase 3: +8 hours for subscription pack auto-generation, NDA handling, entity-level data room access
- Phase 4: +2 hours for terminology updates
- Phase 6: +3 hours for introducer agreement prerequisite

Phase Ordering Rationale:

1. **Database first** - TypeScript types and RLS policies must be stable before UI work
 2. **Auth second** - Portal structure and persona detection enable all subsequent work
 3. **Investor journey third** - Core user flow with highest code reuse from existing portal
 4. **UI/UX fourth** - Polish and consolidation of investor experience
 5. **CEO features fifth** - Now all user type tables exist for consolidated Users page
 6. **Persona features sixth** - Partner/Introducer/Commercial pages depend on tables AND users page patterns
 7. **Testing last** - Comprehensive QA with adequate time (24 hours, not 8)
-

15. Deferred Features (Post-Launch)

These features from user stories are NOT included in this plan:

Persona-Specific Features:

1. **Arranger Features** - My Partners, My Introducers, My Commercial Partners, My Lawyers, My Mandates (requires significant new development)
2. **Lawyer Features** - Escrow handling, deal assignments (requires new workflows)
3. **GDPR Features** - Data export, right to be forgotten (per-persona)
4. **Advanced Reporting** - Per-persona analytics dashboards

Enablers (from User Stories Sheet 0): 5. **SaaS B2C Subscription** - Subscription billing for platform access 6. **Billing & Invoicing** - Automated invoice generation and payment tracking 7.

Growth Marketing - Customer success, retention analytics, acquisition tools 8. **Content**

Management (CMS) - Marketing content, landing pages 9. **Advanced Security** - Additional security features beyond current implementation

Admin Portal: 10. **Admin Portal Full Build** - CMS, SaaS management, Growth marketing dashboards (initial carve-out in Phase 1, full build deferred)

16. Open Questions

The following decisions are needed to finalize scope:

1. **Arranger priority:** Should Arranger features (My Mandates, My Partners, etc.) be included in the initial launch, or deferred?
 2. **Lawyer features:** Are Lawyer-specific features (Escrow handling) needed for launch?
-

17. Legacy URL Redirect Mappings

To ensure zero downtime and preserve bookmarked URLs, the following redirects will be implemented:

Investor Portal Redirects (`/versoholdings/*` → `/versotech_main/*`)

Old URL	New URL	Notes
<code>/versoholdings/login</code>	<code>/versotech_main/login</code>	Single login for all
<code>/versoholdings/dashboard</code>	<code>/versotech_main/dashboard</code>	Persona-aware
<code>/versoholdings/deals</code>	<code>/versotech_main/opportunities</code>	Renamed
<code>/versoholdings/deal/[id]</code>	<code>/versotech_main/opportunities/[id]</code>	Integrated data room
<code>/versoholdings/data-rooms</code>	<code>/versotech_main/opportunities</code>	Merged
<code>/versoholdings/data-rooms/[dealId]</code>	<code>/versotech_main/opportunities/[dealId]</code>	Merged
<code>/versoholdings/holdings</code>	<code>/versotech_main/portfolio</code>	Renamed
<code>/versoholdings/vehicle/[id]</code>	<code>/versotech_main/portfolio/[id]</code>	Renamed

/versoholdings/tasks	/versotech_main/dashboard	Moved to header
/versoholdings/notifications	/versotech_main/dashboard	Moved to header
/versoholdings/messages	/versotech_main/inbox	Merged
/versoholdings/reports	/versotech_main/documents	Renamed
/versoholdings/documents	/versotech_main/documents	Direct
/versoholdings/profile	/versotech_main/profile	Direct

Staff Portal Redirects (/versotech/staff/* → /versotech_main/*)

Old URL	New URL	Notes
/versotech/login	/versotech_main/login	Single login
/versotech/staff	/versotech_main/dashboard	CEO dashboard
/versotech/staff/deals	/versotech_main/deals	CEO only
/versotech/staff/deals/[id]	/versotech_main/deals/[id]	CEO only
/versotech/staff/investors	/versotech_main/users?type=investor	Consolidated
/versotech/staff/investors/[id]	/versotech_main/users/[id]	Type-aware
/versotech/staff/arrangers	/versotech_main/users?type=arranger	Consolidated
/versotech/staff/introducers	/versotech_main/users?type=introducer	Consolidated
/versotech/staff/introducers/[id]	/versotech_main/users/[id]	Type-aware
/versotech/staff/approvals	/versotech_main/inbox?tab=approvals	Merged
/versotech/staff/messages	/versotech_main/inbox?tab=messages	Merged
/versotech/staff/fees	/versotech_main/fees	CEO only
/versotech/staff/kyc-review	/versotech_main/kyc-review	CEO only
/versotech/staff/versosign	/versotech_main/versosign	All personas
/versotech/staff/audit	/versotech_main/audit	CEO only
/versotech/staff/admin	/versotech_admin/dashboard	Admin portal

Implementation Notes

- Redirects should be 301 (permanent) to update search engines
 - Middleware handles redirect logic before route matching
 - Query parameters preserved during redirect
 - No redirect loops (verify all targets exist before enabling)
-

18. Acceptance Criteria (Definition of Done)

Portal Structure

- `/versotech_main` exists and serves all deal-related personas
- `/versotech_admin` exists and is accessible only to admin roles
- `/versotech_admin` contains Processes feature (workflow automations)
- Legacy URLs (`/versoholdings/*`, `/versotech/*`) redirect cleanly with no loops
- Single login page works for all external personas

Hybrid Users

- A user with multiple personas sees a persona switcher UI
- User can access each persona's experience without re-login
- Navigation updates dynamically based on active persona
- Default persona is determined correctly on first login

Investor/Main UX Changes

- "Investment Opportunities" replaces "Active Deals" (nav + page titles)
- Data room is integrated within opportunity detail (no separate nav item)
- Journey bar exists and updates based on real data:
 - Interest → NDA → Data Room → Subscribe → Sign → Fund → Active
- Tasks + Notifications unified in header panel (bell icon near profile)
- Tasks/Notifications removed from sidebar
- "Reports" removed from nav, replaced with "Documents"
- Profile shows separate KYC and Compliance tabs
- Theme toggle works (light default, dark option)
- Theme preference persists per user

Subscription Pack Workflow

- Subscription pack auto-generates when investor clicks "Invest" (NO draft step)
- Subscription pack supports multiple signatories (up to 10 signature blocks)
- All entity signatories are automatically identified for signature requests
- Pack goes directly to signing queue after generation

NDA Handling

- One NDA per signatory (entity with 3 signatories = 3 NDAs)
- NDA uses entity address (not individual address)

Data Room Access

- Entity-level access: ALL signatories must sign NDA before ANY entity user gets access
- Access correctly counts signatory signatures vs total signatory count
- Non-signatory entity users get access only after all signatories signed

Stock Type & Company Separation

- `deals.stock_type` field exists and is used in deal creation
- `deals.vehicle_id` is required (NOT NULL)
- CEO can specify stock type when creating investment opportunity
- Stock type displayed in deal detail
- `companies` table exists (separate from vehicles)
- `vehicles.company_id` links vehicle to underlying company

Terminology Updates

- "Utility Bill" replaced with "Proof of Address" in KYC
- "Investors" tab renamed to "Subscriptions" on vehicle detail page
- "Entity" (investment structures) renamed to "Vehicle" in relevant contexts

Introducer Features

- Introducer cannot make introductions until fee agreement is signed
- UI blocks introduction with "Sign Agreement First" message
- API returns 403 if introducer tries to introduce without agreement

Staff/CEO UX Changes

- Approvals and Messages merged into single "Inbox" surface

- Inbox has tabs: Messages | Approvals
- Users page consolidates: Investors | Arrangers | Introducers | Partners | Commercial Partners | Lawyers
- User type filter/tabs work correctly
- User detail page handles all user types

Database & Security

- All new tables have RLS policies
- `companies`, `company_stakeholders`, `company_directors`, `company_valuations` tables exist
- KYC document types exclude NDA and DNC (investment documents, not KYC)
- Persona detection works via linking tables
- No data leakage between personas (verified via testing)

Performance

- Page load times comparable to current portal (<2s for dashboard)
 - No degradation in existing investor journey
-

END OF PLAN

This document is ready for client review. All phases are based on the user stories from Mobile V6 specifications and the existing codebase structure.