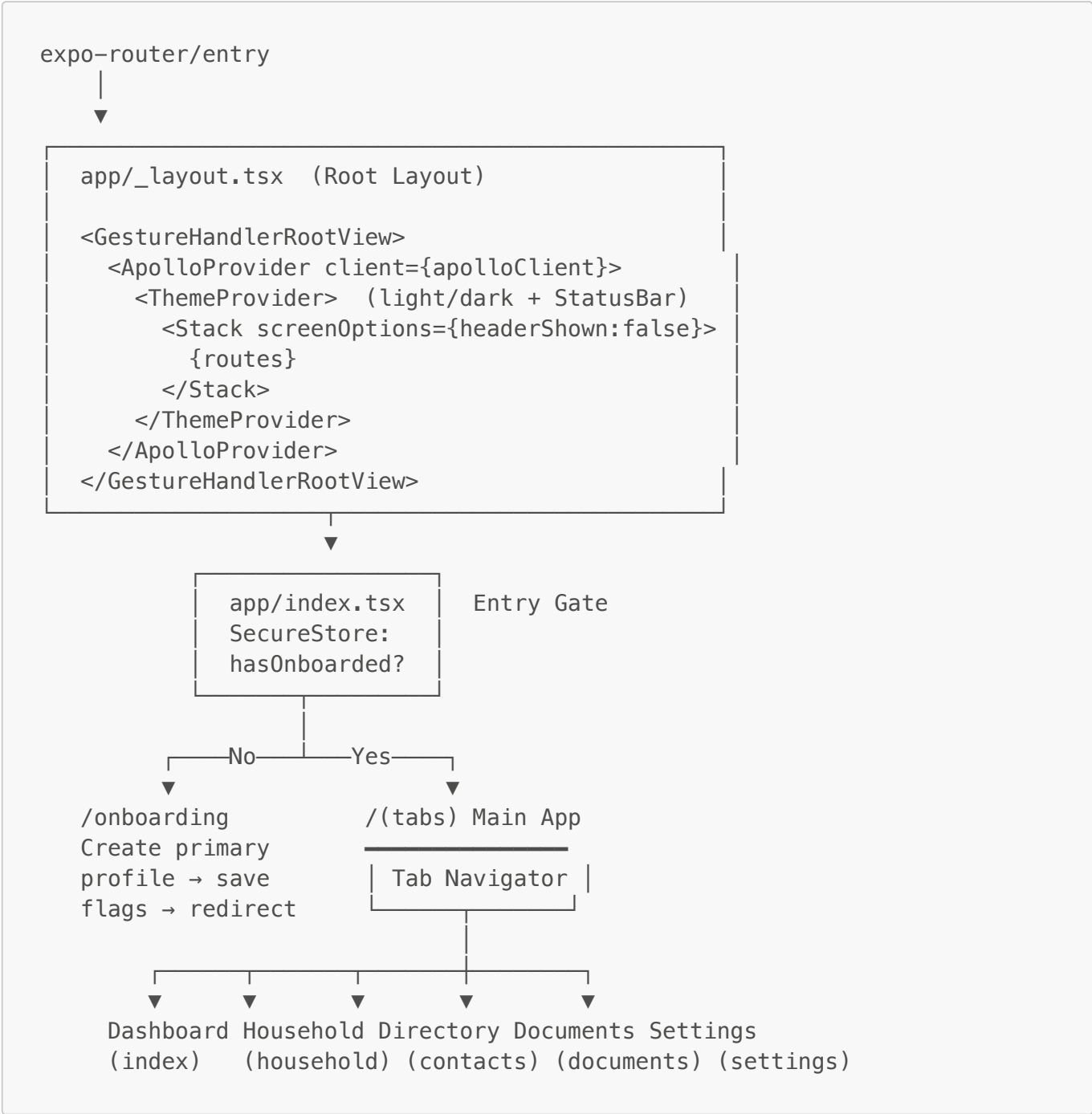
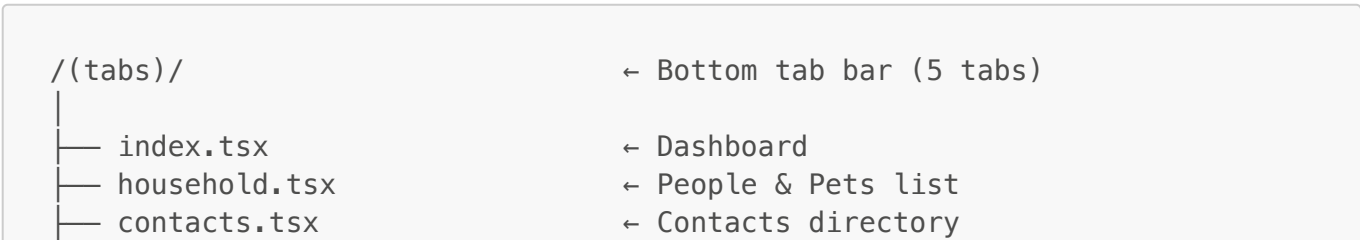


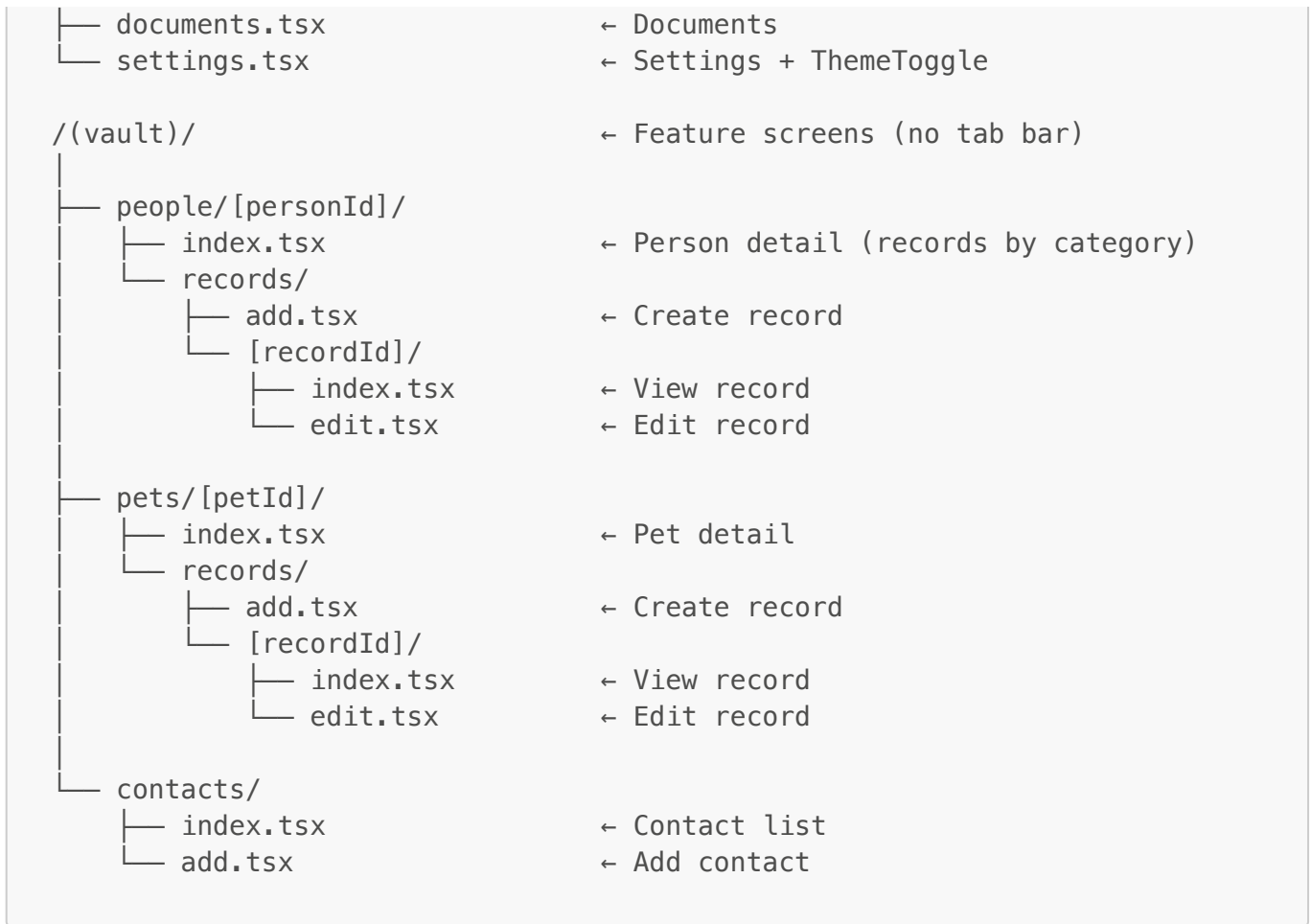
LifeVault RN — Code Flow Visualization

1. App Bootstrap & Entry

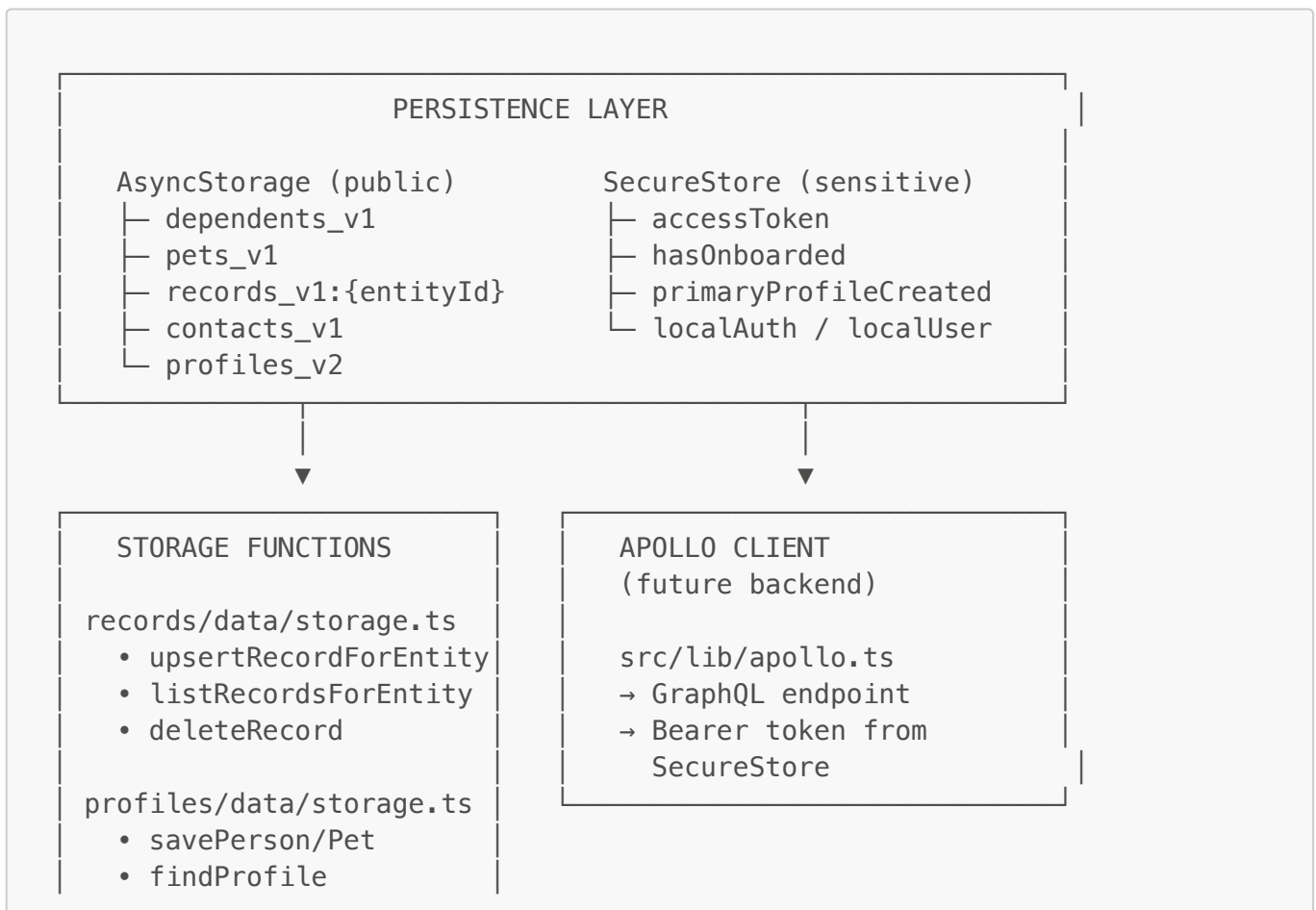


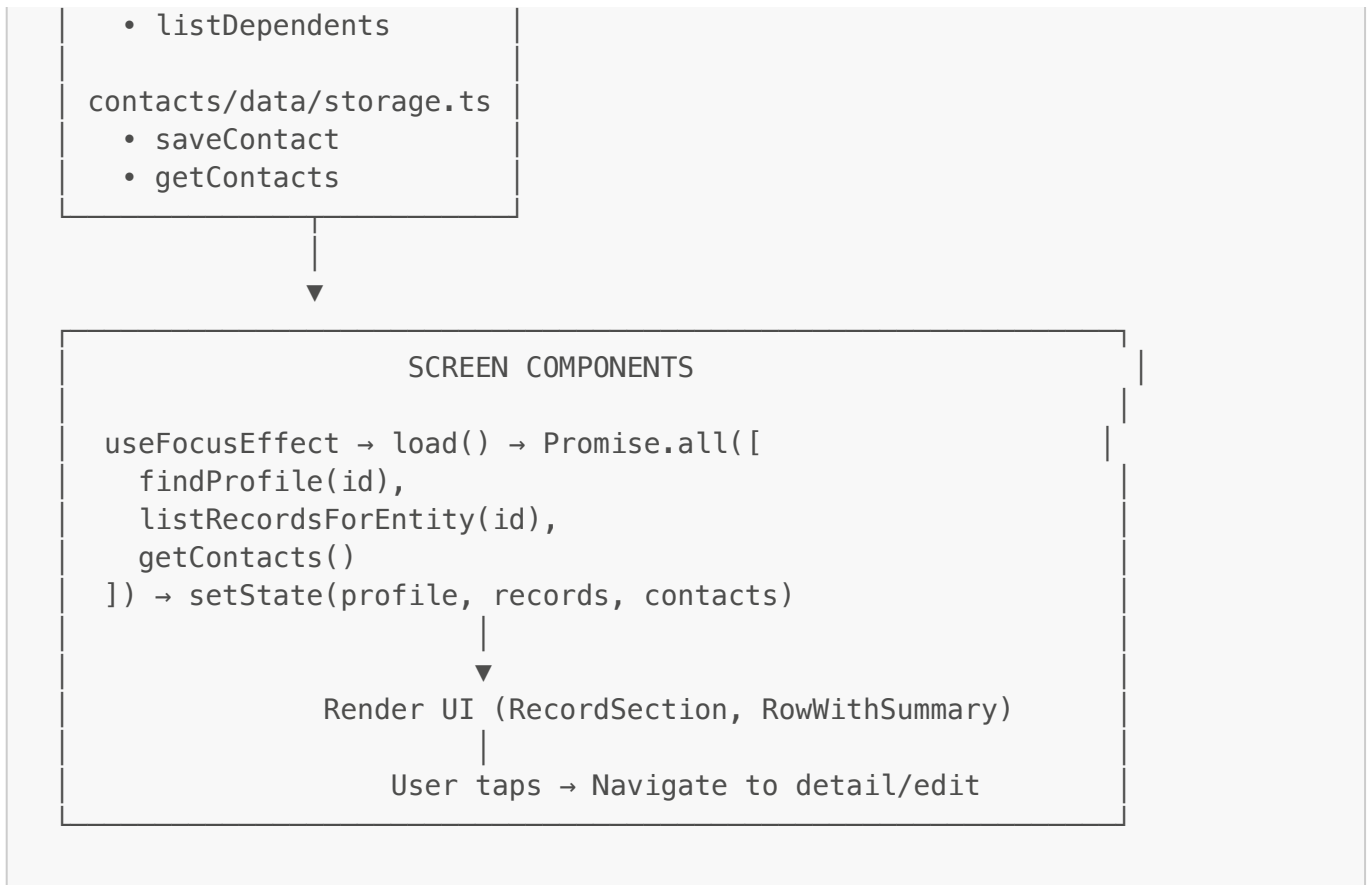
2. Navigation Hierarchy





3. Data Flow Architecture



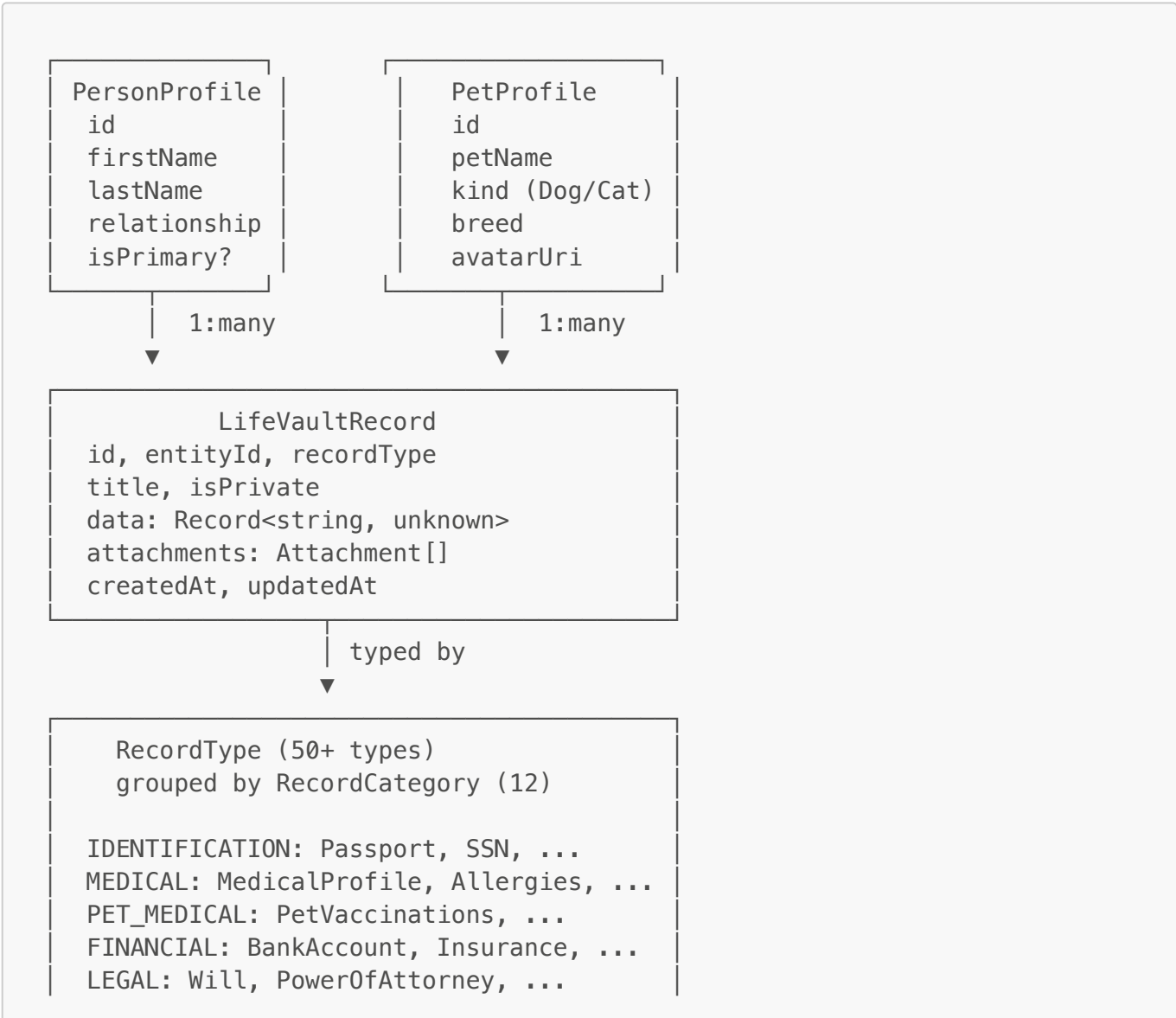


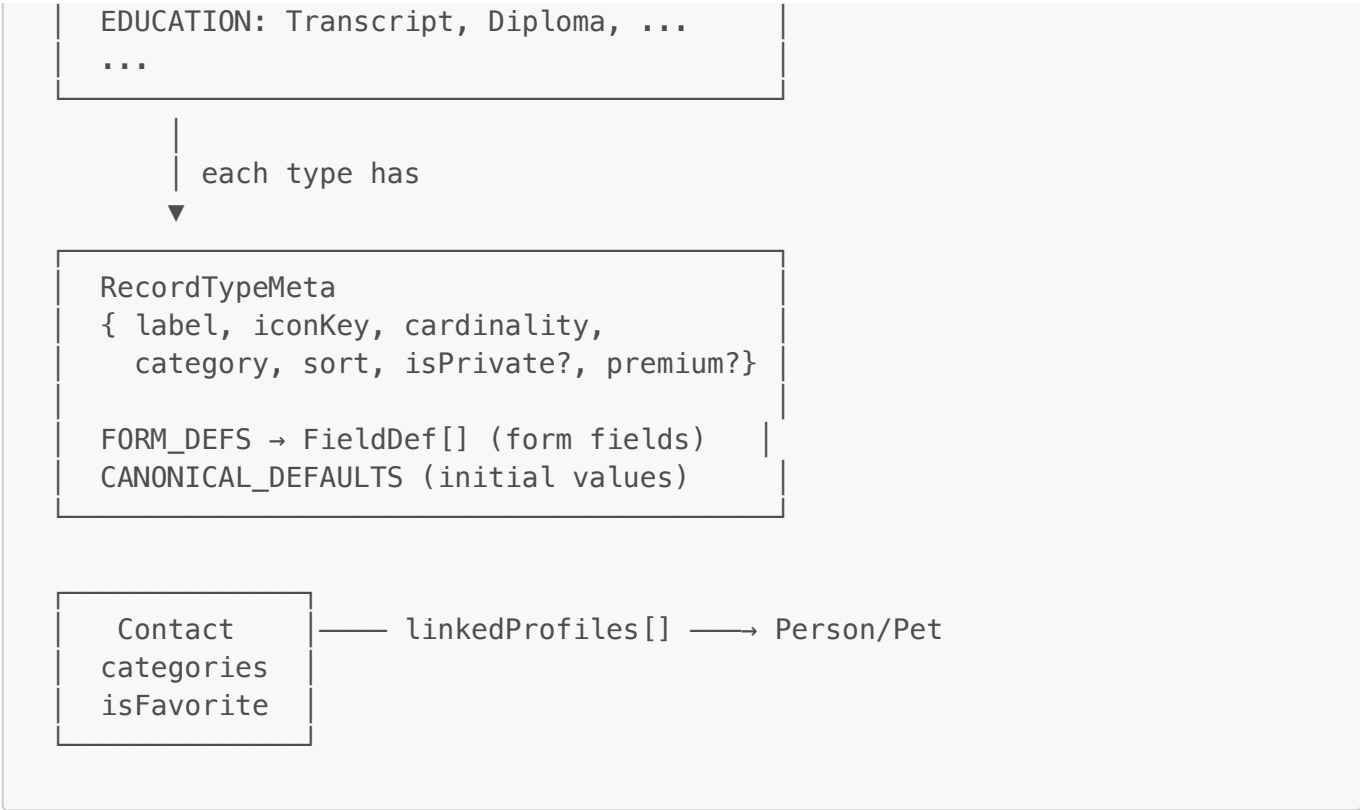
4. Record Creation Flow



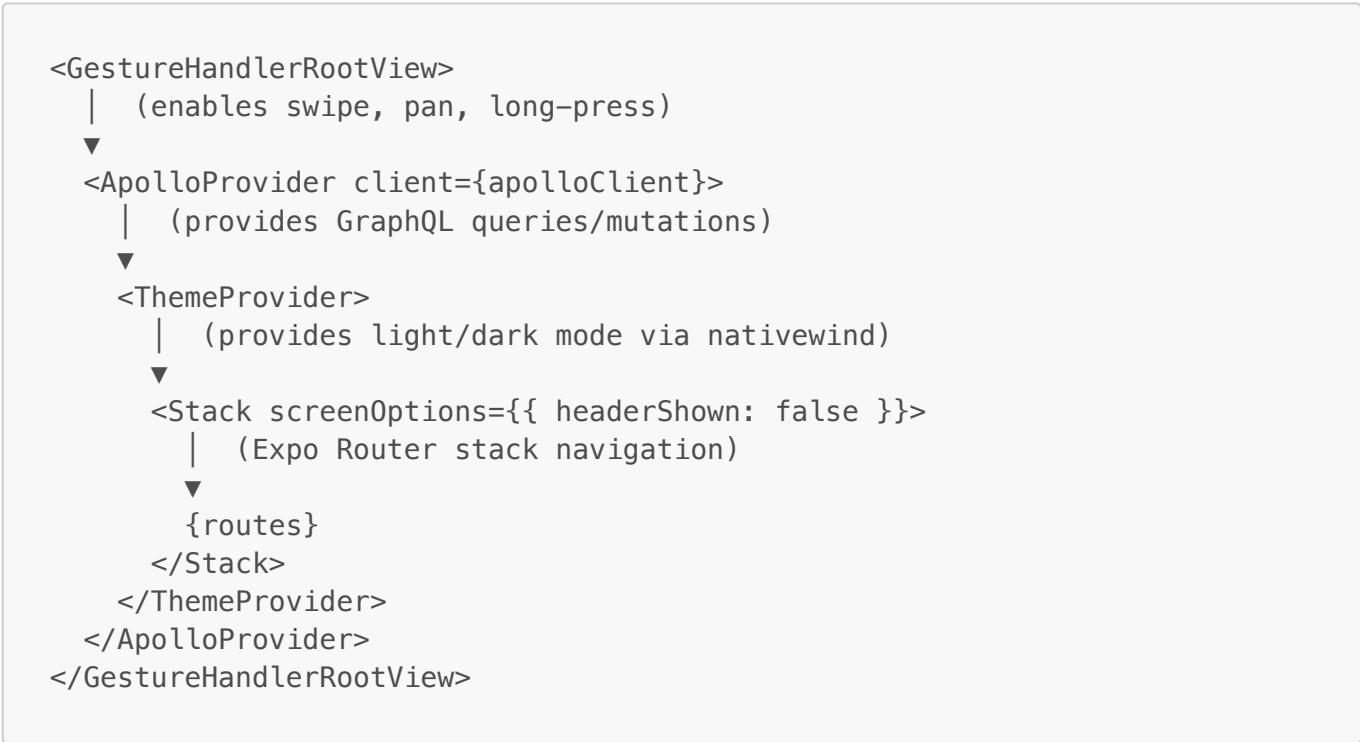


5. Domain Model Relationships





6. Provider Hierarchy



7. Key Architecture Summary

Layer	Technology	Location
Routing	Expo Router (file-based)	app/
UI Styling	NativeWind + Tailwind CSS	className props

Layer	Technology	Location
State	Local <code>useState</code> + <code>useFocusEffect</code>	Per-screen
Persistence	AsyncStorage + SecureStore	<code>src/features/*/data/</code>
API (future)	Apollo Client + GraphQL	<code>src/lib/apollo.ts</code>
Domain Models	TypeScript types + registry	<code>src/domain/records/</code>
Form System	Dynamic FieldDef rendering	<code>src/features/records/forms/</code>
Theme	nativewind <code>useColorScheme</code>	<code>src/shared/theme/</code>
Icons	lucide-react-native	Via Icon component

8. Key Dependencies

Package	Version	Purpose
react	19.1.0	Core framework
react-native	0.81.5	Mobile runtime
expo	~54.0.33	Platform toolchain
expo-router	~6.0.23	File-based routing
nativewind	4.2.1	Tailwind for RN
@apollo/client	3.14.0	GraphQL client
@react-native-async-storage	2.2.0	Local persistence
expo-secure-store	15.0.8	Encrypted storage
lucide-react-native	0.510.0	Icon library
date-fns	4.1.0	Date utilities
react-native-gesture-handler	2.28.0	Gesture system

Generated on 2026-02-22 — LifeVault React Native Architecture