

ITR Management System - Data Workflow

This document describes the data flow workflow of the ITR Management System for Agents, Sub-Admins, and Super Admins. It covers how data is fetched, updated, and presented between the frontend, backend, and database layers. **Workflow:** 1. The **Frontend** (React/Angular app for Agent, Sub-Admin, Super Admin) sends HTTP requests to the **Backend API**. 2. The **Backend API** (Node.js/Express) handles authentication (via JWT/OTP), business logic, and database queries. 3. The **Database** (MySQL/Postgres) stores all persistent data: - Agents - Customers - ITR Applications - Wallet & Transactions - Queries - Reminders - Roles & Permissions 4. Data is retrieved from the database and returned to the API in JSON format. 5. The API sends structured responses back to the frontend. 6. The frontend renders the data into dashboards, tables, forms, and reports depending on the user role. **Role-Based Data Flow:** - **Agents:** Can fetch and manage only their own Customers, Applications, Wallet, Queries, and Profile. - **Sub-Admins:** Can fetch/manage only assigned tabs/modules, depending on permissions given by Super Admin. - **Super Admin:** Has full access to all data (Agents, Customers, Applications, Wallets, Reports, etc.).

System Workflow Diagram

