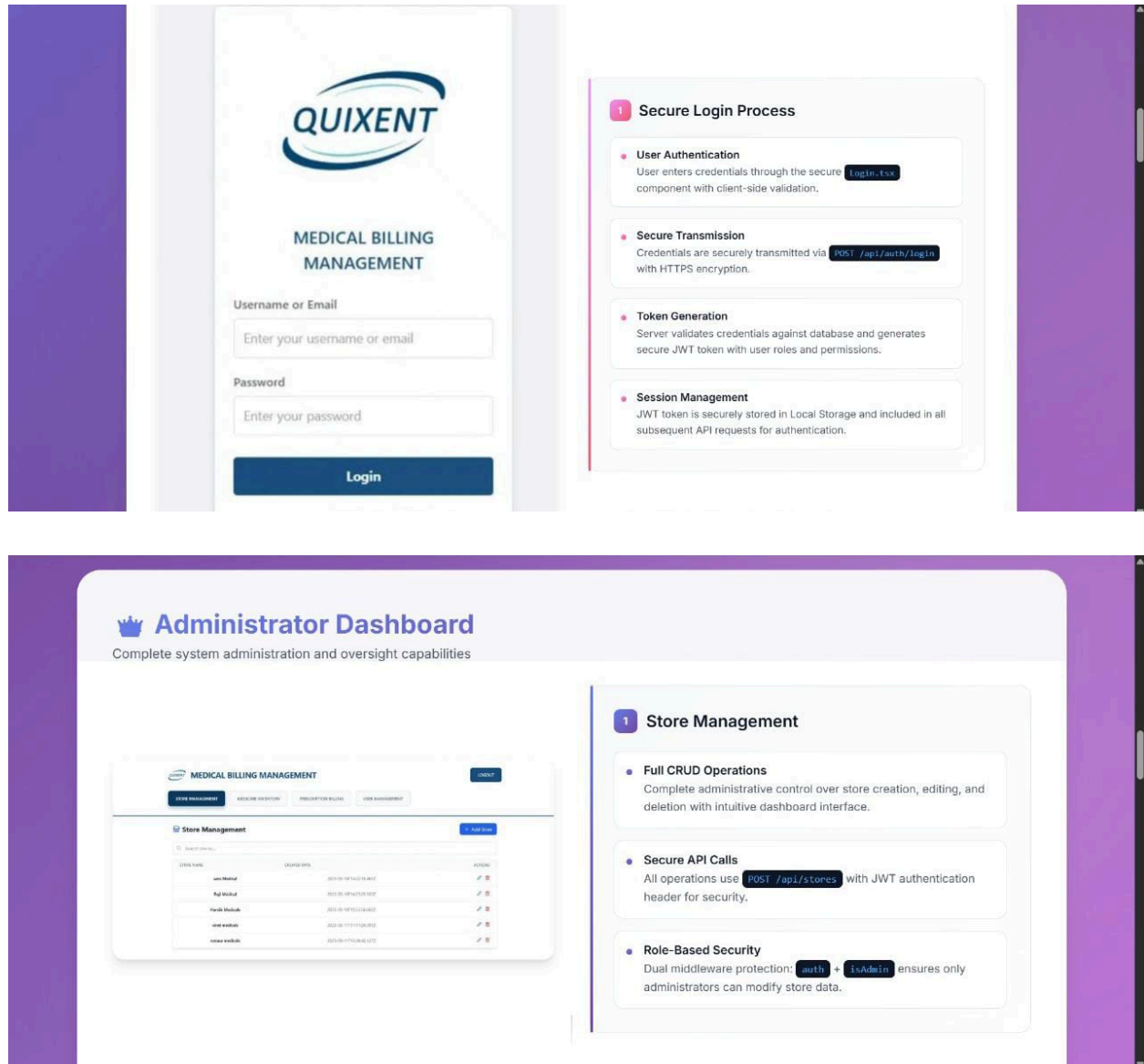


Medical Prescription Website - Complete Architecture Flow



2 Medicine Inventory Control

- Comprehensive Inventory**
Full access to medicine database with advanced search, filtering, and bulk operations capabilities.
- Real-time Updates**
Medicine modifications via `PUT /api/medicines/:id` with immediate database synchronization.
- Administrative Security**
Protected by `isAdmin` middleware ensuring inventory integrity and preventing unauthorized changes.

Medicine Name	Stock	Status	Actions
Aspirin	1000	In Stock	[Edit] [Delete]
Penicillin	500	Low Stock	[Edit] [Delete]
Insulin	200	Out of Stock	[Edit] [Delete]
Morphine	150	Restricted	[Edit] [Delete]
Atorvastatin	300	In Stock	[Edit] [Delete]

3 Financial Overview

3 Financial Overview

- Global Billing Access**
Comprehensive view of all billing records across the entire system with advanced analytics and reporting.
- Financial Controls**
Administrative privileges for billing record deletion via `DELETE /api/billings/:id` with audit trails.
- Authentication Required**
Secured by `auth` middleware with comprehensive logging for financial compliance and audit requirements.

Patient Name	Amount	Date	Status
John Doe	\$120.00	2023-10-27	Paid
Jane Smith	\$80.00	2023-10-26	Pending
Mike Johnson	\$150.00	2023-10-25	Overdue
Alice Brown	\$90.00	2023-10-24	Paid
Bob White	\$110.00	2023-10-23	Pending

4 User Administration

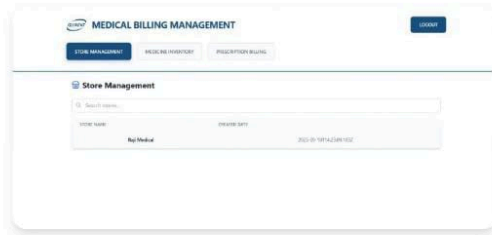
4 User Administration

- User Lifecycle Management**
Complete user management system with dedicated admin tab for creating, editing, and managing user accounts and permissions.
- Secure User Creation**
New user accounts created through `POST /api/users` with password hashing and role assignment.
- Maximum Security**
Highest security tier with both `auth` and `isAdmin` middleware protecting sensitive user operations.

Email	Role	Actions
admin@gmail.com	Admin	[Edit] [Delete]
user1@gmail.com	User	[Edit] [Delete]
user2@gmail.com	User	[Edit] [Delete]
user3@gmail.com	User	[Edit] [Delete]
user4@gmail.com	User	[Edit] [Delete]

Standard User Experience

Streamlined interface for daily operations and store management

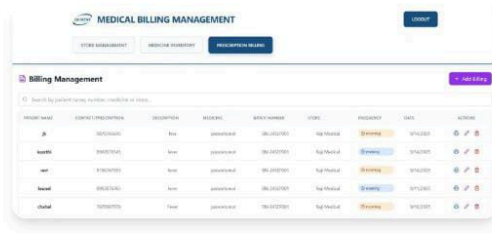
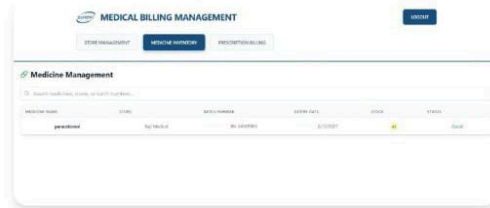


1 Store-Specific Access

- Focused Interface**
Clean, read-only view displaying only the user's assigned store information with hidden administrative controls.
- Intelligent Data Filtering**
Backend automatically filters `GET /api/stores` response based on user's assigned storeId from JWT token.
- Security by Design**
Data scoping ensures users can only access their designated store information, maintaining data isolation and privacy.

2 Medicine Inventory View

- Read-Only Inventory**
Comprehensive view of medicine inventory specific to user's store with search and filtering capabilities.
- Store-Scoped Data**
Automatic filtering via `GET /api/medicines` ensures users see only medicines relevant to their assigned store.
- Simplified Interface**
Clean UI with hidden add/edit/delete controls, focusing user attention on essential inventory information.



3 Billing Operations

- Full Billing Control**
Complete CRUD operations for billing records within their assigned store, enabling efficient daily operations.
- Secure Transactions**
New billing records created via `POST /api/billings` with automatic store association and validation.
- Authentication & Scoping**
Protected by `auth` middleware with backend logic ensuring all operations are scoped to user's store.

Flow:

