**Recyleto**

**Pharmacy Mobile Application**

**Application Overview**

**Recyleto** is a comprehensive pharmacy management mobile application designed to digitize and streamline pharmacy operations while enhancing customer service and inventory management. The app serves as a complete digital platform that connects pharmacies, pharmacists, managers, and customers through an integrated ecosystem of features focused on medicine sales, inventory management, transaction processing, and customer support.

**Core Purpose & Value Proposition**

Recyleto transforms traditional pharmacy operations by providing a unified digital platform that:

* **Streamlines Medicine Sales**: Enables efficient transaction processing from product selection to payment completion
* **Enhances Inventory Management**: Provides real-time stock tracking, expiry monitoring, and automated alerts
* **Improves Customer Experience**: Offers intuitive interfaces for medicine requests, transaction history, and support services
* **Supports Business Operations**: Includes comprehensive reporting, user management, and compliance features
* **Facilitates Communication**: Integrates support chat, notifications, and request management systems

**Primary User Roles & Capabilities**

**Pharmacists**

* Process sales transactions with detailed medicine selection and pricing
* Manage customer requests for new medicines not in inventory
* Access real-time stock levels and expiry notifications
* Handle refund requests and transaction modifications
* Provide customer support through integrated chat system

**Managers**

* Oversee complete pharmacy operations through comprehensive dashboard
* Add new medicines to the Recyleto platform database
* Monitor sales performance, inventory levels, and business metrics
* Manage user accounts and system settings
* Generate reports and analytics for business insights

**Customers (Implied through transaction system)**

* Browse and purchase medicines through the sales interface
* Submit requests for unavailable medicines with images and specifications
* Track transaction history and manage refunds
* Receive notifications and updates on orders

**Key Functional Areas**

**1. Authentication & Security**

* Secure login system with email/username and password
* Password recovery through email verification
* Pharmacy registration with business verification and license upload
* Two-factor authentication via OTP verification
* Profile management with business information updates

**2. Transaction Management**

* Complete sales workflow from medicine selection to payment processing
* Shopping cart functionality with quantity and price modifications
* Comprehensive checkout system with payment method selection
* Transaction reference generation and tracking
* Detailed transaction history with search and filtering capabilities

**3. Inventory & Medicine Management**

* Add medicines to Recyleto platform with complete specifications
* Real-time stock level monitoring with low inventory alerts
* Expiry date tracking with automated notifications
* Medicine search and selection with detailed product information
* Batch and manufacturer tracking for quality control

**4. Request Management System**

* Medicine request feature for unavailable products
* Image upload capability for visual medicine identification
* Detailed medicine specifications (name, generic, form, pack size)
* Urgency level classification for request prioritization
* Request tracking and status management

**5. Business Intelligence Dashboard**

* Centralized home dashboard with key performance indicators
* Quick action shortcuts for frequent tasks
* Recent activity feed showing latest transactions and requests
* Stock and expiry alerts with color-coded urgency indicators
* Role-based interface customization and dark mode support

**6. Customer Support Integration**

* Comprehensive support chat system with live messaging
* Contact form with categorized inquiry types
* File attachment support for screenshots and documents
* Priority level assignment for support tickets
* Conversation history and ticket tracking

**7. System Administration**

* Comprehensive settings management across multiple categories
* Account and profile configuration options
* Business-specific settings (hours, tax rates, currency)
* Notification preferences and alert customization
* Security settings including biometric authentication

**Technical Capabilities**

**Mobile-First Design**

* Native mobile interface optimized for touch interaction
* Responsive layout supporting various screen sizes
* Dark mode support for enhanced user experience
* Offline functionality with data synchronization

**Data Management**

* Real-time data updates across all system components
* Secure data storage with encryption and backup capabilities
* Integration-ready architecture for external systems
* Comprehensive audit trails for compliance tracking

**User Experience Features**

* Intuitive navigation with persistent bottom navigation bar
* Progressive disclosure of complex features
* Contextual help and guidance throughout workflows
* Accessibility features supporting diverse user needs

**Business Impact & Benefits**

**Operational Efficiency**

* Reduces manual processes through automation
* Minimizes errors in transaction processing and inventory management
* Streamlines communication between staff and customers
* Provides real-time visibility into business operations

**Customer Service Enhancement**

* Enables faster transaction processing and checkout
* Improves accuracy in medicine dispensing and pricing
* Provides transparent tracking of requests and transactions
* Offers multiple support channels for customer assistance

**Business Intelligence**

* Delivers actionable insights through comprehensive dashboards
* Enables data-driven decision making with real-time metrics
* Supports inventory optimization through predictive alerts
* Facilitates compliance reporting and audit preparation

**Market Position**

Recyleto positions itself as a comprehensive pharmacy management solution that bridges the gap between traditional pharmacy operations and modern digital expectations[[1]](#fn1)[[2]](#fn2)[[3]](#fn3). The application incorporates industry best practices from successful pharmacy platforms while addressing specific needs of independent and chain pharmacies seeking digital transformation[[4]](#fn4)[[5]](#fn5).

The app's feature set aligns with current market trends emphasizing mobile-first experiences, automated inventory management, integrated customer support, and comprehensive business intelligence capabilities[[6]](#fn6)[[7]](#fn7)[[8]](#fn8). By combining transaction processing, inventory management, customer engagement, and business analytics in a single platform, Recyleto addresses the complete spectrum of modern pharmacy operational requirements.

**Summary Statement**

**Recyleto is a comprehensive pharmacy management mobile application that digitizes the entire pharmacy workflow—from medicine sales and inventory management to customer support and business analytics—enabling pharmacies to operate more efficiently, serve customers better, and make data-driven business decisions through an intuitive, mobile-first platform.**

This description captures the full scope of your Recyleto application based on the detailed screen documentation and functionality specifications from your conversation history, providing a complete picture of what the app does and its value proposition in the digital pharmacy management space.

**Mobile App Screens Table**

|  |  |  |
| --- | --- | --- |
| # | Screen Name | Description / Features (Point Form) |
| 1 | Login | - Email/username input  - Password input  - "Remember Me" checkbox  - Forgot Password link  - Login button |
| 2 | Forgot Password | - Email input for reset  - Submit button  - Back to Login link |
| 3 | Reset Password | - Enter email for reset  - Submit button  - Back to Login link |
| 4 | Register Pharmacy | - Pharmacy name  - Business email  - Business phone number  - Mobile number  - Password & confirm  - Business address  - Upload license image  - Register button |
| 5 | OTP Page | - OTP code input  - Submit button |
| 6 | Home Dashboard | - Top bar (logo, welcome, notifications, profile)  - KPI cards/metrics (sales, low stock, expiring meds, refunds)  - Quick Actions grid (major task buttons)  - Stock & expiry alerts (badges, widgets)  - Recent activity feed (last sales/requests)  - Floating "Add Request" button  - Bottom navigation bar (Home, Sales, Inventory, Profile)  - Role-based shortcuts, dark mode, offline support |
| 7 | **Add Medicine to Recyleto** | - Medicine name  - Generic name  - Form (Tablet/Syrup/etc.)  - Pack Size  - Quantity  - Price  - Expiry Date  - Manufacturer (optional)  - Batch Number (optional)  - Submit/Save button |
| 8 | Add Transaction | - Transaction type selector  - (Optional) Description  - Add medicine item(s) (see #9)  - Review/edit item list  - Auto-calculated total  - Submit/Save button |
| 9 | Medicine Selection | - Search medicine  - Select from results  - Select pack size  - Quantity  - Price  - Expiry Date  - Add to transaction button |
| 10 | Cart / Add to Cart | - List of medicines in transaction  - Edit quantity/price per item  - Remove item  - Show total  - Checkout/submit button |
| 11 | Checkout | - **Transaction Summary**: Auto-generated transaction reference number  - **Order Details**: Complete list of all medicines added to cart  - **Medicine Breakdown**: Name, generic name, form, quantity, unit price, line total, expiry date  - **Pricing Summary**: Subtotal, tax (if applicable), discount (if applicable), final total  - **Payment Method Selection**: Cash, Credit/Debit Card, Bank Transfer, Digital Wallet options  - **Customer Information**: Optional customer name, phone number for receipt  - **Receipt Options**: Print receipt, email receipt, SMS receipt toggles  - **Transaction Notes**: Optional notes field for special instructions  - **Confirm Payment Button**: Process transaction and complete sale  - **Cancel/Back to Cart**: Return to cart for modifications |
| 12 | Market/Search | - Search field (by name/generic/form)  - Filters (category/price)  - Browse results  - Add to cart button per item |
| 13 | Sales Transactions List | - Search transactions  - List by date/reference/amount/note  - Tap entry for detail view |
| 14 | Transaction Detail View | - Transaction date/time  - Reference & status  - Amount  - Description  - Medicine breakdown table (name, qty, price, form, expiry) (read-only) |
| 15 | Edit Profile | - Update business name/email/phone/mobile/address  - Upload license image  - Change password  - Save button |
| 16 | Settings | - **Account & Profile**: Edit profile link, change password, 2FA toggle  - **Business Settings**: Operating hours, tax rates, currency, receipt templates  - **Inventory Alerts**: Low stock thresholds, expiry alerts (7/15/30 days), auto-reorder  - **Notifications**: Push/email/SMS preferences, transaction alerts  - **Transaction Config**: Default types, auto-save drafts, receipt printing  - **Security**: App lock/PIN, biometric auth, session timeout  - **System**: Language, theme (dark/light), font size, date/number formats  - **Support**: Help center link, FAQ section, app version info, system diagnostics, send feedback option |
| 17 | Request Refund | - Select transaction reference  - Enter reason for refund  - Submit button |
| 18 | Request for Medicine | - Upload medicine image  - Medicine name  - Generic name  - Form (Tablet/Syrup/Capsule/etc.)  - Pack size  - Additional notes (optional)  - Urgency level dropdown  - Submit/Cancel button |
| 19 | Support Chat/Contact | - **Chat Header**: "Contact Support" title, back button, online status indicator  - **Contact Options**: Live chat toggle, email support, phone support  - **Contact Form**: Name (pre-filled), email (pre-filled), subject dropdown  - **Message Text Area**: Multi-line input, character count  - **Attachment**: Upload screenshot/document (≤ 5 MB)  - **Priority Level**: Low/Medium/High/Urgent dropdown  - **User Info**: Auto-populated app version, device info, user ID  - **Send Button**: Submit support request  - **Chat Interface**: Real-time messaging, typing indicators, timestamps  - **Conversation History**: Previous tickets, status tracking  - **Quick Actions**: FAQ shortcuts, restart app, clear cache options  - **Auto-responses**: Confirmation, estimated response time |