

# **CureHub**

## **Module List Document**

### **1. Authentication (Login/Registration) Module**

Handles login, registration, and session management for all users.

- **Admin Authentication**
  - Admin Login
  - Admin Password Reset/Forgot Password
- **Doctor Authentication**
  - Doctor Registration
  - Doctor Login
  - Doctor Password Reset/Forgot Password
- **User Authentication**
  - User Registration
  - User Login
  - User Password Reset/Forgot Password

### **2. Appointment Management Module**

Handles appointment booking, scheduling, and history management for users, doctors, and admin.

- **User Side**
  - Book Appointment (select doctor, time, and date)
  - View Appointment History
  - Cancel Appointments
  - Receive Token after successful booking
- **Doctor Side**
  - Set Available Time Slots for Appointments
  - View Appointments
  - Generate Tokens for Patients
  - Cancel Appointments

- View Appointment History for Patients
- **Admin Side**
  - Manage All Appointments (view, cancel, reschedule)
  - View All Appointment Histories (doctors and users)
  - Generate Appointment Reports for Analytics

### **3. Payment Module**

Handles payment processing and revenue tracking for users and admin.

- **User Side**
  - Make Payment for Appointment
  - View Payment History
- **Admin Side**
  - View Total Revenue Generated by Doctors
  - Monitor Payment Transactions

### **4. Doctor Management Module (Admin)**

This module allows the admin to manage doctor-related data and actions.

- **Doctor Registration Approval**
  - Approve or Reject Doctor Registrations
- **Doctor Management**
  - Block/Unblock Doctors
  - View Doctor Appointment & Rating Details
  - View Revenue Generated by Each Doctor

### **5. User Management Module (Admin)**

This module handles the user-related administration.

- **User Management**
  - Block/Unblock Users
  - View User Appointment & Payment History

## **6. Chat and Communication Module**

Allows users and doctors to communicate within the application.

- **User Side:**
  - **Initiate and view chat sessions with doctors.**
  - **Send and receive messages.**
- **Doctor Side:**
  - **Manage and respond to chat sessions.**
- **Admin Side:**
  - **Monitor and manage chat sessions for oversight purposes.**

## **7. Rating & Review Module**

Manages ratings and reviews for doctors, applicable to both users and admin.

- **User Side**
  - **Rate and Review Doctors after Appointment**
- **Admin Side**
  - **View Doctor Ratings and Feedback**