

Hospital Management System

This hospital management system, built using the Laravel framework, is designed to optimize hospital operations and offer an intuitive, efficient interface for both patients and staff. Here are its key features:

- 1. Patient-Friendly Appointment Booking:** Patients can book appointments by choosing the desired department and service. Once confirmed, an email notification with appointment details is sent, ensuring smooth scheduling and clear communication.
- 2. Role-Based Login and Dashboards:** The system offers secure login and role-based access for admins, doctors, patients, radiology staff, and laboratory staff, each with its own customized dashboard:
 - **Admin Dashboard:** Full system control, including adding or suspending doctors, managing patients, and overseeing services.
 - **Doctor Dashboard:** Allows doctors to manage appointments, access patient records, and update medical information.
 - **Patient Dashboard:** Patients can view medical reports and manage their bookings.
 - **Radiology and Laboratory Dashboards:** Dedicated dashboards for managing patient test results and reports specific to each role.
- 3. Appointment and Service Management:** Admins can oversee appointments, confirm bookings, and manage hospital workflow. Services such as consultations, diagnostics, and surgeries can be added, modified, or removed, with full control over pricing.
- 4. Comprehensive Billing System:**
 - **Receipts and Payments:** The system supports individual and grouped invoices, allowing for simplified billing across multiple services.
 - **Financial Records:** Complete financial tracking, including receipts and expenses, to streamline hospital accounting.
- 5. Department Management:** Admins can easily add or remove hospital departments (e.g., Radiology, Surgery) as the hospital's needs evolve.
- 6. Complete Arabic Localization:** The system is fully localized for Arabic-speaking users, offering a seamless experience for all Arabic-speaking patients and staff.

This system provides a comprehensive solution to hospital management, ensuring smooth operations, organization, and user-friendly interaction for all hospital personnel and patients.