

COLONCARE

ADMIN MODULE:

- **Payment Details:** Streamlined online payment integration for consultation fees and donations.
- **Notifications:** Automated alerts for bookings and new registrations.
- **Blogs:** Platform includes a blog section for informative content dissemination.
- **Leave approval**

DOCTOR MODULE:

- **Leave Management:** Convenient leave application process for doctors.
- **Patient Search:** Robust search functionality to access patient profiles, including medical history.
- **Medicine Details:** Easy dissemination of treatment plans, care instructions, and medication details to patients.
- **Appointment System:** Interactive calendar for doctors to manage and book appointment slots.
- **Appointment Notifications:** Real-time alerts for doctors regarding appointment bookings.

PATIENT MODULE:

- **Doctor Search:** User-friendly search tools to find suitable doctors.
- **Doctor Profiles:** Detailed profiles of doctors, including availability and medical expertise.
- **Donation Feature:** Empowering patients to contribute to the Colon Cancer Centre through online donations.
- **Appointment Tokens:** Secure online appointment booking system for patients.
- **Reminder System:** Automated reminders for upcoming appointments, enhancing patient adherence.
- **Chat Room for Patient-Doctor Interaction:**

Implementation of a dedicated chat room within the platform for patients to interact with their doctors. Enables real-time communication, allowing patients to ask questions, seek clarifications, and receive guidance from doctors.

LAB TECHNICIAN MODULE:

- **Lab Test Management:** Comprehensive management of lab tests, samples, and results.
- **Appointment Scheduler:** Allows patients to book appointments for sample collection with a managed calendar.
- **Lab Reports:** Generation of formatted lab reports for patients and doctors, with customizable templates.

- **Test Order Management:** Overview of pending test orders, sample tracking, and result entry.

ABSTRACT

ColonCare, a comprehensive platform designed for a Colon Cancer Centre, offers an integrated solution to streamline the operations and enhance patient care. With distinct modules catering to administrators, doctors, patients, and lab technicians, ColonCare optimizes workflow efficiency and ensures seamless communication and management within the centre.

The Admin Module facilitates efficient management of payment details through streamlined online payment integration, ensuring smooth processing of consultation fees and donations. Automated notifications keep the administrative staff updated on bookings and new registrations, while the blog section serves as a valuable resource for disseminating informative content.

For doctors, the module provides convenient leave management tools and robust patient search functionality, enabling quick access to patient profiles and medical history. Doctors can easily disseminate treatment plans and medication details to patients and manage their schedules effectively through an interactive appointment system, supplemented by real-time appointment notifications.

Patients benefit from user-friendly doctor search tools and detailed doctor profiles, empowering them to make informed decisions about their healthcare providers. The platform also includes a donation feature, allowing patients to contribute to the Colon Cancer Centre's cause. Secure online appointment booking, automated reminders, and a dedicated chat room for patient-doctor interaction further enhance the patient experience.

Lab technicians can efficiently manage lab tests, sample collection appointments, and result generation through dedicated modules. The appointment scheduler simplifies the booking process for patients, while comprehensive lab test management tools ensure accuracy and timely reporting of results to patients and doctors.

Overall, ColonCare serves as a centralized platform that fosters collaboration, efficiency, and enhanced patient care within the Colon Cancer Centre, ultimately contributing to improved outcomes and patient satisfaction in the fight against colon cancer.

