ABSTRACT

Topic: DIAGNOSTIC LAB REPORTING SYSTEM

Project Nature: << Mini Project Extension>>

Completion Level: <<Completion 50% of Mini Project>>

The purpose of the project entitled as "Diagnostic Lab Reporting System" is to develop web application to computerize the management of a Diagnostic System which is user friendly, simple, fast and cost effective. Here patients get an option to register on the site and login using registered details. Once registered with their address and contact details, the patients may now see a variety of tests conducted by the lab along with their costs. The system allows patients to do the bookings for various tests. The system allows users to book any test needed and after successful booking, system calculates costs and allows users to pay online. As soon as the payment is done, the patient test is booked. After successful testing, the patient or the user gets a notification of test result through an email. The system allows admin to attach a copy of the report into the system and automatically email it to intended patient.

It has three modules

1. **Admin**
2. **Lab Employee**
3. **Patient**

Admin

- **Dashboard**: In this section, admin can briefly view the total register users, total new appointment, total approved appointment, total rejected appointment by admin, total cancelled appointment by user, total sample received, total report uploaded and total employee.

- **Test Detail**: In this section, admin can manage test detail(Add/Update).

- **Lab Employee**: In this section, admin can manage employee(Add/Update).

- **Appointments**: In this section, admin can view the booking appointment and admin also has the right to change appointment status according to the current status and his/her remarks.

- **Lab**: In this section, admin received the information of the sample collected by an employee and upload the report a test.

- **View Reg Users**: In this section, admin views the detail registered users.

- **Search**: In this section, admin can search a particular appointment detail by patient appointment number, name and mobile number.

Admin can also update his profile, change the password and recover the password.

Employee

- **Dashboard:** In this section, an employee can briefly view the total new assign appointment, the total sample collected, the total sample sent to the lab and total appointments.
- **Test Detail:** In this section, an employee can view test detail.
- **Assign Appointments:** In this section, an employee can view the appointment which is assigned by the admin and the employee has the rights to change the appointment status according to current status.
- **Search:** In this section, the employee can search a particular appointment detail by patient appointment number, name and mobile number.
- **Reports:** In this section, an employee can view how many appointments have been assign, how many samples have been collected and how many appointments have been pending in his/her end.

An employee can also update his profile, change the password and recover the password.

Users (Patients)

- **Dashboard**: This is the welcome page for users or patients

- **Test Detail**: In this section, an user can search, view test details.

- **Appointment**: In this section, the user can book the appointments for the test.

- **Payment:** In this section, the user can do payment and

- **Appointment History**: In this section, the user can view the appointment history and also can check the status of the appointment.

- **View Medical Report**: In this section, the user can download the test report.

Users can also update his profile, change the password and recover the password.

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