

CO226 – Database Project

Medical Channeling Center Management System

Project Description

Group Number : 02

Group Members:-

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Overview

In most of Medical channeling centers in Sri Lanka, they use a manual system to channel a doctor either by visiting the channeling center or giving a phone call to the center. And there is no any chance for doctors to check how many patients he has got for a medical session in respective channeling centers other than calling the receptionist of the channeling centers. Most of the time their hotline numbers are hard to reach in case of an emergency. And traditional systems have to deal with lot of paperwork and it need more employees for the organization to run daily processes. The medical channeling center management system provides certain automations for many important daily processes in a channeling center. The purpose of the project is to develop Medical Channeling Center Management System which is user friendly, simple, fast, and cost effective.

Main Features

For patients

- Searching the available doctors in channeling center
- Login to the account or register to create an account.
- Making appointments
- Viewing the past channeling records.

For doctors

- Viewing the patients who have made appointments for himself in each medical session. Searching by the date.

For Administration

- Viewing the patients who have made appointments for all medical sessions.
- Keeping records of the payments.
- Allocating staff for medical sessions.
- Access to update, delete records of patients and nurses and doctors

Users

- Patients
- Doctors
- Administrator

Advantages

- Improved Processes (Automation helps to optimize the user experience. Patients, Doctors, medical center authorities interact online and exchange information)
- Patient self-service (Patients have their own freedom to search for doctors and make appointments by themselves)
- Less time consuming (As the services and interactions being planned with greater precision, it saves the time of all the system users and provides them with up-to-date information.
- Better customer experience (Since the clinic management system is patient-oriented, the patients get a chance to make appointments in anytime and in anywhere. For doctors all the requested information can be received online quickly as well.)
- Staff management (Administrator can analyze available staff and available rooms for medical sessions)