SPARK DENTAL CARE

Date: 01-02-2020
Guide: Ms. Anit James

1. Project Overview?

Dental Software is designed and built to meet all the requirements of a dental clinic and to help the dentist in managing the clinic records. Dentist can easily collect, manage, save and retrieve medical information for patient through this software. And also patients can easily make appointments through online.

2. To what extend the system is proposed for?

The main purpose of this system is to make appointments through online and we can choose the available doctors and free timeslot of each doctor. Using this it is possible to keep track of a database for clinic like information about the patients ie, appointment schedule, personal records, previous medical records, treatment records and prescriptions.

3. Specify the Viewers/Public which is to be involved in the system?

The Viewers/public that are mainly involved in this system include doctor and patient. Patient can register the system with valid information.
Patient can make appointment through online.

4. List the Modules included in your System?

1. Appointment module

   Patient can search the doctors and choose the available doctors in the clinic and make appointments through online. Patients can choose available timeslots of doctor's and make appointments.

2. Prescription Module

   Doctors can give prescriptions to patients after the consult. This module provide the treatment details, medicines and a brief description about the medicine usage.

3. Payment Module

   Patients can pay through online for treatment. This provide payment by cash and credit card.

5. Identify the users in your project?

   The main users of this project includes:
   a. Admin, who has the overall control of the system. He add doctors and available timeslots.
   b. Doctor, who has mainly consulting the patients and give prescriptions to patients.
   c. Patient, can make appointments easily through online.

6. Who owns the system?

   One of the dentist in dental clinic (Admin).

7. System is related to which firm/industry/organization?

   System is related to dentistry.

8. Details of person that you have contacted for data collection?

   Dr. Renju Thomas
   Moopans Dental Clinic
   Thammanum
   Ernakulam

9. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g. Bill receipts, certificate models), if any?)

   1. How many types of doctors are available in this clinic?

      There are mainly six types of specialists are available for various teeth services. They are
      a. Endodontist-Root Canal Specialist
      b. Oral and Maxillofacial Surgeon
      c. Orthodontist-Alignment Specialist
      d. Pedodontics-Pediatric Dentist
      e. Periodontist-Gum Specialist
      f. Prosthodontist-Replacement Specialist

   2. Is there any online appointments available?

      Yes. Patients can make appointments through online and they can choose doctor and their free timeslot. Those who have booked through online will get the next immediate section to consult the doctor.

3. What are the duties of dental nurse?

   A dental nurse is an essential part of the dental team helping to ensure that the patient is well cared for. Dental nurse is assist dentist during the treatment. Additional duties may include helping the dentist to record information about the patient's oral health, processing radiographs and stock control. And also including helping at reception – making appointments, getting involved in the administration of the practice and collecting money.

4. What are the requirements wanted to maintain the dental clinic?

   Requirements of dental clinic is we need a place and dental treatment equipment.

5. Which time in a day you expect more patients and how you manage it?

   In Morning, we usually expect more patients for treatment.

6. Is there any particular day for surgery?

   Yes. We allocate patients for surgery mostly in Thursdays.

7. Are you providing pharmacy?

   No. Only prescriptions are available.

8. If a patient cancel the appointment request will you return the payment?

   Almost half of the money will return.

9. How will you allocate doctors?

   To allocate doctors based on the requirements.

10. Is there any facility to change the currently allocated doctor?

    No. Another appointment request will needed to change the doctor.