

## DENTAL CLINIC MANAGEMENT SYSTEM

**Date:** 31/08/2022

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### 1. Project Overview?

Dental Clinic Management System is a website which promotes easy data entry and usage. It includes patient's personal information, medical and dental history, treatment plan, case reports and statistics. This makes your dental practice more convenient, efficient and precise, thus promoting a paperless office. Dental Software is a process of implementing all the activities of the Dental clinic in a computerized automated way to fasten the performance. This project is to maintain the patient's Personal Details, Systemic Alerts, Dental Problems, Treatment Details, and Case Report and to calculate the bill for the treatment of the patient.

### 2. To what extent the system is proposed for?

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data
- Ensure data accuracy's
- Proper control of the higher officials
- Minimize manual data entry
- Minimum time needed for the various processing
- Greater efficiency, Better service
- User friendly and interactive
- Minimum time required.

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

The generic Public are involved in the system.

#### 4. List the Modules included in your System?

There is a Admin, Doctor and Patient

##### **ADMIN**

- Add doctor details
- Add treatments
- Update appointments
- Manage payments
- Create reports about patients

##### **DOCTOR**

- Can view appointments
- Update appointments
- Update prescriptions
- View patient details

##### **USER**

- Register
- View doctor details
- View facilities and functions of clinic
- Book appointments
- Track application
- Can ask queries
- Download their report
- Upload previous medical report

#### 5. Identify the users in your project?

1. Admin
2. Patients
3. Doctor

6. Who owns the system?

The Administrator owns the system

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

Medical

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

Smt.Chandana Sreekumar(works in a Dental Hospital)

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 Often Should I Get a Dental Checkup?

Dental health varies from person to person; a general rule for adult patients is to **visit a dentist once or twice a year**, even if your mouth is in excellent condition. This way, you can get your teeth professionally cleaned regularly and maintain excellent oral health.

### 2. Why Should I Have Dental X-Rays Taken?

Your dentist should take a full set of dental X-rays early into the doctor-patient relationship. X-rays help your doctor monitor any changes that could be happening in your teeth between appointments. Most adult patients have bitewing X-rays every year and a full mouth series every four to five years. But those with a higher risk for dental caries problems may need them every six to 18 months.

### 3. Should I Use Mouthwash Regularly?

It depends - there are different kinds of mouthwash. Cosmetic mouthwashes aim to freshen breath and to maintain a healthy teeth color, but they contain fluoride to help

fight cavities as well. Therapeutic rinses work to help treat conditions such as gingivitis, tooth sensitivity, and inflammation. For more advanced conditions, prescription mouthwashes often contain **chlorhexidine gluconate** to kill bacteria that cause bleeding, inflammation, and plaque or biofilm formation.

4. Is your services are pain free?

Yes, to a great extent. Newer technology like the WND, that controls pressure and flow of anesthesia and dental lasers make dentistry a less painful.

5. How Can I Practice Good Oral Hygiene at Home?

Follow these steps to maintain good dental health in addition to brushing and flossing daily. These include:

- It is important to use fluoride-containing products.
- Snacks with high sugar content should be limited.
- Consuming fruits and vegetables in a balanced diet.
- Tobacco should be avoided in any form.

6. How is payment system managed?

Either as cash or online transaction (Gpay or Phonepay)

7. What are the extra expenditures?

Maintenance cost, Electricity bill, machine cost etc.

8. Is it government organized system?

No, It is a private sector.

9. Is there any factors that affect functions of dental hospital?

Yes, Public holidays, harthals and mainly, area where shop is situated is a factor for natural disaster like flood.