

ABSTRACT

Dental Clinic System

The goal of this project is to design and develop a website dedicated to manage the database of the clinic which they currently perform in a paper-based system. Other than a traditional system we are planning to enhance the system with some additional features as well.

The Dental Clinic System is an advanced software solution designed to enhance the efficiency and effectiveness of dental clinics in providing comprehensive care to their patients.

The objective is to allow the user to store the patient details and consults about their dental related problems. The users will spend less time on paper work through this automated system. This has Admin module, Patient module, Doctors module and Staff module.

The system includes a range of functionalities, including patient management, appointment scheduling, electronic health records (EHR), billing and invoicing.

Modules:

1. Admin Dashboard: This module provides administrators with a centralized dashboard to manage patient accounts, doctor accounts and staff accounts. Admins can add doctors and staff and also view the staff details.
2. Patient Dashboard: This module allows patients to create accounts, log in securely, and manage their profile information. They can make their online appointments, manage account, view medical history, make payments and bill generation
3. Doctor Dashboard: This module provides doctors with the functionality to set their schedules for the next days. They can manage their profile and view if payment done or not. They can add the new dental procedure, dental fee and can view the patients.
4. Staff Dashboard: This module provides staffs the ability to view the patient details and manage their appointments.

Topics to cover during Mini Project

Admin Module:

- Login
- Profile updation
- Change password

Patient Module:

- Registration
- Login
- Schedule Appointments
- Manage Account
- Profile updation
- Change password
- Check status

Doctor Module:

- Login
- Schedule dates available
- Schedule timeslots
- Profile updation
- Change password

Staff Module:

- Login
- View appointment list
- Profile updation
- Change password

Topics to cover during Main Project

Admin Module:

- Add/Delete services
- Add/Delete patients
- Add/Delete doctors
- Add/Delete staffs
- Add dental surgeries and their charges
- Payment history
- Pdf generation for all users

Patient Module:

- Bill generation
- Payment gateway
- Chatbot
- Captcha

Doctor Module:

- Apply Leave

Staff Module:

- View the available doctors
- Add patient's latest report
- Apply leave