# **Dental Appointment Booking System**

Welcome to the Dental Appointment Booking System! This project is a web-based solution designed to make scheduling dental appointments as easy as possible. With a voice-enabled assistant and an intuitive user interface, it's designed to simplify the process for both patients and clinics.

## **Features**

### **What It Does**

* **Voice Bot Integration**: Chat with a voice assistant to book your dental appointments.
* **Chat Logs**: See a record of all interactions with the assistant.
* **Booking Logs**: View details of all confirmed appointments, including the date, time, procedure, and patient name.
* **Manual Call Controls**: Easily start or stop the voice bot whenever you need.

### **Noteworthy Additions**

* **Real-time Booking Updates**: The system captures and logs appointment details during conversations.
* **Responsive Design**: Works seamlessly across devices, whether you're on a computer or a phone.
* **User-friendly Interface**: Simple and clean design for easy navigation.

**Note**: The live transcript and real-time bookings update code is included in the project but is currently not functional.

## **Getting Started**

### **What You Need**

Make sure you have:

* A modern web browser (e.g., Chrome, Firefox, Edge)
* A development server like Vite or a sim[ilar tool t](https://marketplace.visualstudio.com/items?itemName=ritwickdey.LiveServer)o run the app locally

### **Steps to Launch**

**Clone the Repository** git clone https://github.com/yashjhaveri123/Dental\_Appointment.git

**Open the Project** cd dental-appointment-booking

**Run It** Use Vite to run the project locally:  
  
 vite

## **How to Use**

1. **Activate the Voice Assistant**
   * Click the **"Activate Voice Bot"** button to start chatting.
   * Provide appointment details like your name, preferred date, time, and procedure.
2. **Check Logs**
   * Conversations with the assistant will show up in the **Chat Logs** section.
   * Confirmed bookings will appear in the **Booking Logs** section.
3. **End the Session**
   * Click the **"Hang Up"** button to stop the voice bot. Any captured booking details will still be saved.

## **Project Structure**

my-project/

|

|-- index.html # Main file for the web interface

|-- main.js # JavaScript for voice bot and UI logic

|-- styles.css # CSS styles (embedded in index.html)

## **Known Issues**

* The live transcript and real-time bookings update features are not fully operational at the moment.

For any questions or suggestions, feel free to reach out.