Project Proposal

Team Members

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1. Project Title

● **Title:** Dental Clinic System

2. Project Description

● **Summary:**

The Dental Clinic System is a web-based application designed to help clinic staff manage patient records and internal appointment notes efficiently. It allows staff and dentists to access and update patient information, including personal details and past treatments. Staff can record upcoming appointments as notes, and once completed, they are moved to the patient's history for reference. The system streamlines daily operations, reduces paperwork, and keeps all patient information organized and secure.s.

● **Scope:**

- Manage patient records (personal info, past treatments, and notes).
- Record upcoming appointments as internal notes.
- Move completed appointments to patient history for reference.
- Provide an admin dashboard for clinic management and reporting.
- Search and filter patient records easily.

3. Objectives

1. Improve efficiency in handling patient records.
2. Reduce manual paperwork and errors.
3. Provide a centralized system for internal staff use.
4. Ensure secure storage of sensitive patient information.
5. Allow staff to record and track upcoming appointments and completed history.

4. Target Users

1. Clinic administrators and staff for managing internal operations.
2. Dentists for accessing patient records and treatment history.

5. System Features

1. **User Authentication:** Secure login for admin, staff, and dentists.
2. **Patient Management:** Add, update, view, and delete patient records.
3. **Appointment Notes:** Staff can input upcoming appointments as internal notes.
4. **Patient History:** Completed appointments are moved here for reference.
5. **Dashboard:** Admin dashboard to view patient records, appointment notes, and history.

6. Technologies and Tools

- **Frontend:**
    - React.js
- **Backend:**
    - Node.js with Express.js
- **Database:**
    - MongoDB
- **Version Control:**
    - GitHub

7. Designing Tools

- Figma
- Canva