



Clinic/Hospital Management System

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Project Overview

- React-based healthcare management application
 - Provides interfaces for patient management, appointments, and medical records
 - Implements responsive UI with modern design principles
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Technical Stack

- **Frontend:** React.js with functional components and hooks
- **Styling:** CSS modules for component styling
- **Routing:** React Router for navigation
- **State Management:** Context API for application state

Key Features

- Patient registration and management
 - Appointment scheduling and tracking
 - Medical record keeping and access
 - Healthcare provider management
 - Dashboard with analytics and insights
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Code Structure Analysis

- Component-based architecture
- Separation of concerns with dedicated folders for:
 - Components
 - Pages
 - Services
 - Utilities
 - Assets

Main Components

- **App.js**: Entry point with router configuration
- **Dashboard**: Overview of system metrics
- **PatientList**: Patient management interface
- **AppointmentScheduler**: Booking and management
- **MedicalRecords**: Patient health data tracking

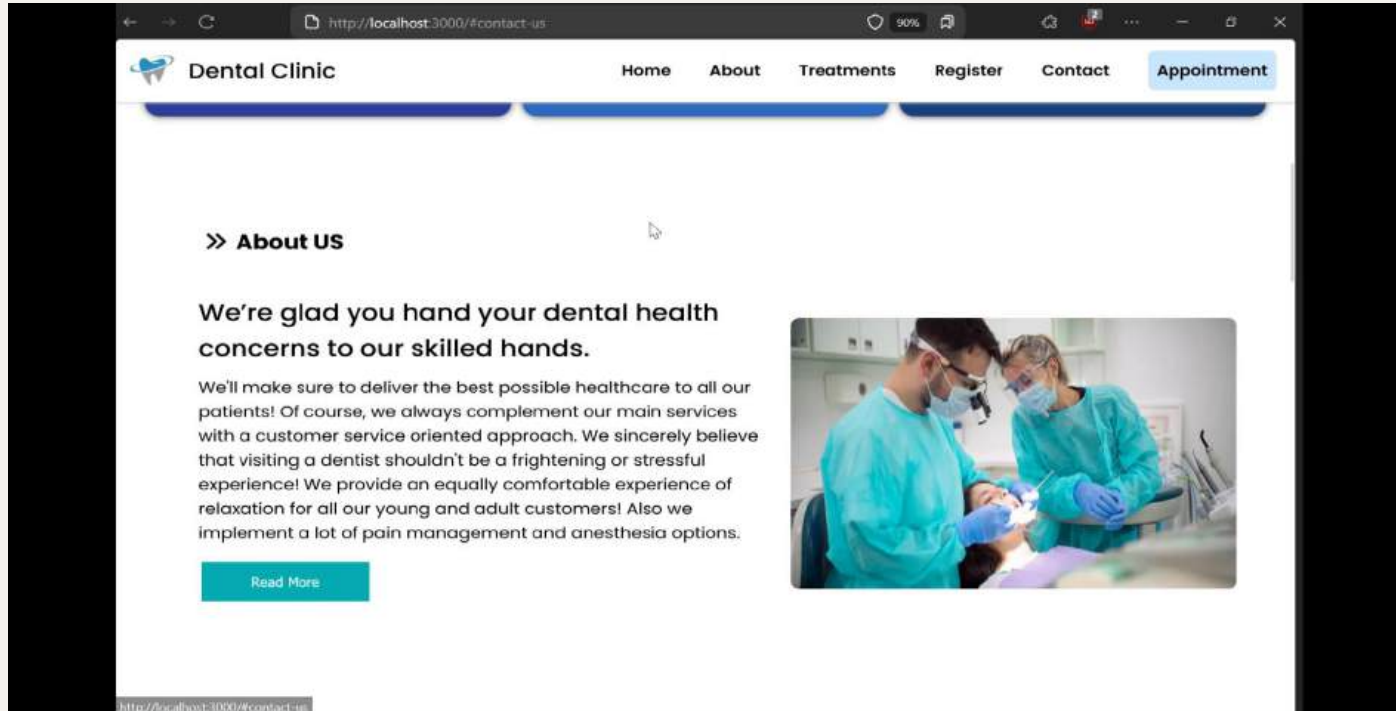
User Interface Design

- Clean, accessible interface
- Responsive design for multiple device types
- Consistent color scheme aligned with healthcare aesthetics
- Intuitive navigation system

Data Flow

- Centralized state management
- API integration for data persistence
- Real-time updates for critical information
- Caching strategy for performance optimization

User Interface Demo



Conclusion

- Well-structured React application for healthcare management
- Follows modern development practices
- Scalable architecture for future growth
- Focus on user experience and performance