

Healthcare Appointment System

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Abstract: *In the healthcare sector, managing patient appointments manually often leads to long waiting times, scheduling conflicts, and inefficient use of resources. This research paper focuses on the design and implementation of a Health Care Appointment System that simplifies the appointment booking process for patients and healthcare providers. The proposed system allows patients to book, reschedule, or cancel appointments online, while doctors can manage their availability and patient schedules efficiently. It also includes features such as automated notifications, secure patient data management, and real-time appointment tracking. The system helps reduce administrative workload, improves time management, and enhances patient satisfaction. The study shows that adopting a digital appointment system can significantly improve the overall efficiency and quality of healthcare services.*

Keywords: Health Care Appointment System, Online Appointment Booking, Hospital Management System, Patient Scheduling, Digital Healthcare, Medical Information System, Healthcare Automation

