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**ABSTRACT**

Health Care Management System provides the benefits of booking appointments in a quick and easier way , booking medicines online , booking lab tests online where users can select doctors of their choice or users can give symptoms of their concern and book the respective doctor for the appointment which provides streamlined operations, enhanced system, control, patient care, cost control and improved profitability. HCMS is easy to use and is designed and developed to deliver real conceivable benefits to hospitals as well as patients to get treatment at their door step. The project “Health Care Management System” involves both web application and mobile application which uses NEXT JS as the front-end software for Web Application and React Native as front end which is an popular framework and can make easy connection with backend such as MONGO DB All the required modules and features have been particularly built to just fit into the requirements. Entire architecture is made flexible for Web application as well as mobile application and built using the latest technologies. It covers all the required module right from Patient Registration, Medical details, Doctor, Patient appointment, Bill, Record modification, Prescription, Doctor registration, Laboratory registration. The human body is a tremendously complex and sophisticated structure with millions of functions. All of these complex functions have been deciphered by man through his own research and trials. Medicines became a vital aspect of research as science and technology advanced. Medical science gradually evolved into an altogether new field of study and inquiry. As of now, the Health Sector consists of medical institutions such as hospitals and clinics. As a result, the health sector strives to provide the best medical facilities to the community.

**Keywords:** Consultations, Calendar, e-prescriptions, Mobile app , Schedule, Symptoms, Web application