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Emergency Expert

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Abstract

Our AI expert system application is designed to revolutionize the way patients receive medical care. The app's advanced diagnostic algorithms can quickly identify a patient's illness and recommend the nearest medical facility with all the necessary resources to treat the patient instantly. Additionally, the application utilizes hospital ranking algorithms based on reviews to provide users with a list of top-rated medical facilities in their area. The app's ranking algorithm for doctors takes into account availability, experience, and ratings to ensure that patients receive the best possible care. Furthermore, the app allows patients to order medicine from pharmacies, ensuring they receive the required medication without leaving their homes. The app's user-friendly interface is accessible 24/7, making it an ideal solution for medical emergencies that can happen at any time. Patients can also book a bed in the hospital if it is available and book appointments with doctors based on the doctor's availability. By directing patients to the right medical institute that can cater to their specific medical needs, the application ensures that no particular facility is overcrowded, leading to an even distribution of patients and workload in all available medical institutes in a city. Our healthcare solution also includes a web interface for hospital administrators which allows them to manage patient information, view hospital performance metrics, and access real-time data on patient flow. This information enables hospital administrators to make informed decisions that can optimize patient care and improve the overall efficiency of their facility.

In summary, our application utilizes AI technology to provide prompt medical assistance to patients while avoiding overburdened medical facilities. It helps distribute patients and workload evenly across all available medical institutes in a city and ensures patients receive timely care, reducing the risk of unnecessary loss of life. With the added feature of hospital and doctor ranking algorithms, the ability to order medicine from pharmacies, and the option to book a bed or an appointment, our app is a comprehensive solution for all healthcare needs.