

Project Heka

A life saved is like a life touched by magic

TOPIC

Hospital aggregator with basic symptom analysis and department suggestion based on user input and chatbot feedback.

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The core concept of our website is the application of queries to better understand the conditions of individual patients so that they themselves may analyze to a fairly generic extent, the most probable reason for their illness or discomfort. It also gives them the option to consult the right department of medicine, based on a mixture of the generated information provided by the site as well as their own deductions, by giving them the option to choose from the most probable departments as per the correlation arrived at by analyzing the symptoms. The homepage handles an overview of all the options offered on the website as a whole. It also has a personalized health chatbot which offers a unique experience for the user. The other pages include services like hospital locator, the health-blog, prescription delivery service, fitness therapy suggestions and an About-Us page with further improvements under consideration. Below are some of the descriptions of the services that will be offered on the website:

- **The Symptom Analyser:** - The Chatbot understands the user inputs of the basic symptoms that they suffer from and compares them with the elementary symptoms associated with common illnesses and gives them the most probable diseases and if needed connects the user to the nearest hospital with no need for appointments and waiting time in hospitals.
- **The Hospital Locator:** - Allows you to input your location in the order of city, place, and landmark. The locations of the hospitals that have links with the site are compared with the given parameters and the closest option is offered. Additionally, the user may also input a department of interest to further narrow down the search.
- **The Health Information Pages:** - Each health department information page possesses a basic description as to what their department deals with anatomically as well as the common illnesses attributed to the said department. It also has images representing the part of the body dealt with by the department apart from trivia about developments in the field. A list of hospitals known for their prowess in the aforementioned field is also displayed.
- **About Us Page:** - A basic description of our vision and aim in implementing this website as well as a fake outline of the past works of our “company” is displayed along with the names of the key contributors to this project.
- **Contacts Page:** - Contact information like email, address and telephone number provided for valuable suggestions and improvements based on user experience.

With the aforementioned pages being the crux of our website, we wish to create a website that is societally viable as well as useful. People all over the world lose their lives or find themselves disabled for the rest of their lives due to them being late by mere seconds or minutes. This time may be lost in finding the appropriate department and the best hospital for the mentioned department in a non-organized and disparate manner. We wish to reduce this time by as much as we can by presenting a conglomeration of all these elements on a single site in a user-friendly fashion and present this project prototype as a starting step to a larger ambition. We aim to embrace and maximize technologies like Artificial Intelligence, which is creating innovations in the field of Health Care.

Note: Heka is the deification of magic by the Egyptians who believed that it would cure diseases. The name signifies the magic of timely medical treatment. Osiris is the Egyptian god of life.