

Health Care Management System

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Abstract:- “Health Care Management System” is based on comparing several hospitals for better services similar to the way we compare shops for shopping. It is a platform where users, hospitals and good services are interfaced together. The system has an admin who validates the hospital, if hospital is found to be valid the admin provides the hospital with unique id. The hospital can add their details like successful operations, qualification of doctors, achievements and prices of their treatment. It can also add categories and sub categories of treatment later on along with prices. The user has to first register to the system. User can locate nearest services availability of doctor, can search for hospitals, specialized doctors, various treatments. User can add reviews which will be referred by other users. “Health Care Management System” provides comparison of various hospitals which helps the user in better decision making. The application provides security to the user data and the history of the user can be retrieved.

Keywords:- Filters, Unique id, Admin, Users, Availability.

I. EXISTING SYSTEM

In the already developed systems the main drawback is they do not provide filters and comparisons for same services. The existing system do not specify the availability of the doctor and do not validate the hospitals that are being registered. “Health Care Management System” has a separate module named ‘admin module’ which validates the hospital.

Disadvantages of Existing System:

- No location transparency for patients and doctors.
- Does not specify doctor’s details and qualification
- Unable to get online medical prescription.
- No price comparison provided.
- No history of the user maintained.
- Doctor’s availability is not specified.

A. Problem Statement

“Comparing hospitals for best health care services.”

- User will find good health care hospital and their services within their budget.
- User can use filters to find hospital for them.

- User health report will be update. So that patient’s history can be checked.

B. Scope of the Project

- The proposed system is available for user all the time.
- User can check the services and rates of the hospitals health care and use filter to find the good hospital for them in their reasonable amount.
- This System compares the services from different hospitals to provide good services to the user in low cost.
- The proposed system is built by using block chain so that the data is not altered by some other user once submitted.

II. BLOCK DIAGRAM

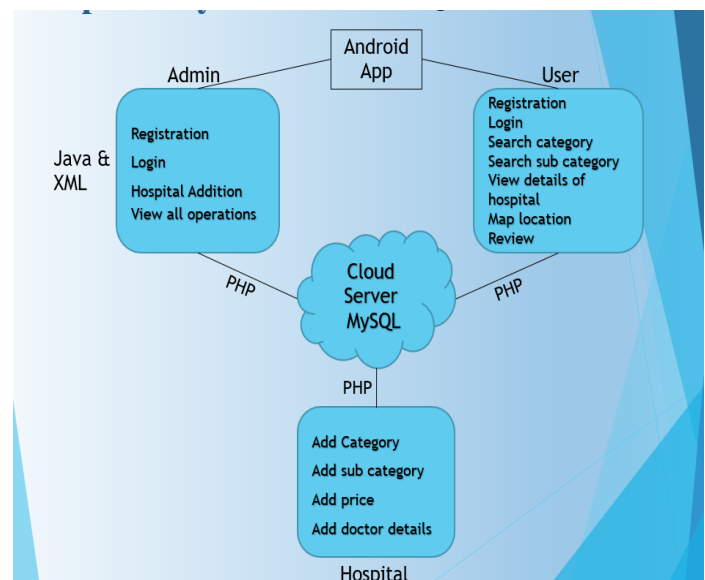


Fig 1:- Block Diagram

Our project “Healthcare Management System” has three modules as follows

➤ Admin:

1. To be an admin you need to register to our system which gives admin unique id and password which is used when the admin logins
2. The admin can add or delete new hospitals
3. Admin can view all the user and hospital operation

➤ *Hospital*

1. Should maintain doctor’s record
2. Can add category or sub category
3. Should view all the details of categories like price, successful attempts, unsuccessful attempts etc.

➤ *Users:*

1. To be a user you need to register to our system which gives user unique id and password which is used when the user logins
2. Can search for categories, subcategories, doctors
3. Can view the details of registered hospitals
4. Can locate nearest hospital using GPS
5. Can compare hospitals based on different criteria.

A. *Software Requirments*

1. Visual studio code, Xampp , MySQL
2. Language: PHP, JavaScript, HTML, CSS
3. Bootstrap

B. *Hardware Requirments*

1. Ram:4GB Ram
2. OS: Windows 7

III. WORKING OF PROJECT



Fig 2:- Search for category to find hospitals with information.



Fig 3:- Options for search result of the user.

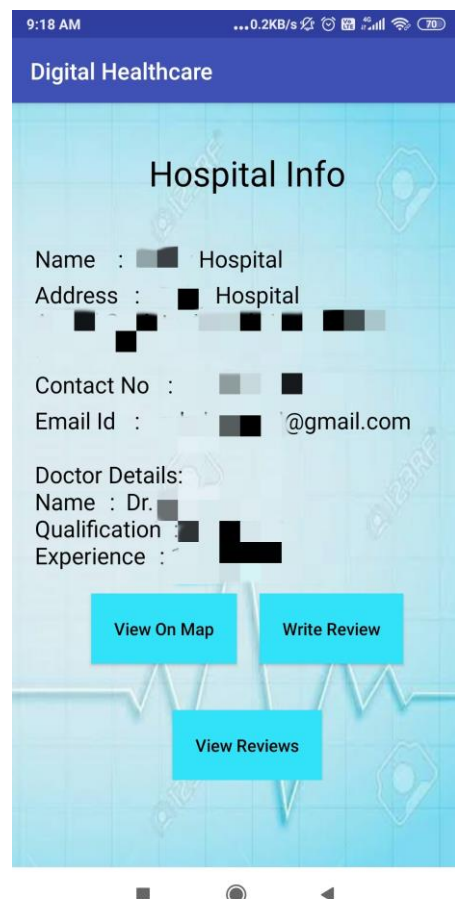


Fig 4:- Information of the hospital selected by the user.

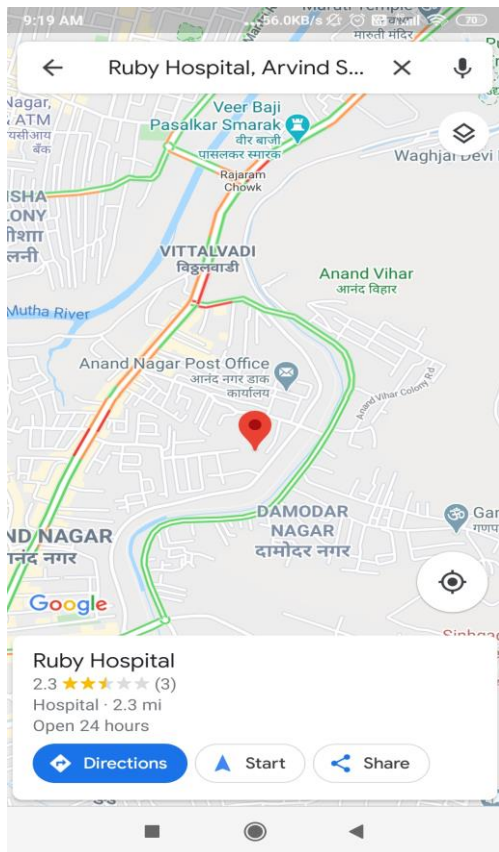


Fig 5:- Location of the hospital selected through View on Map option.

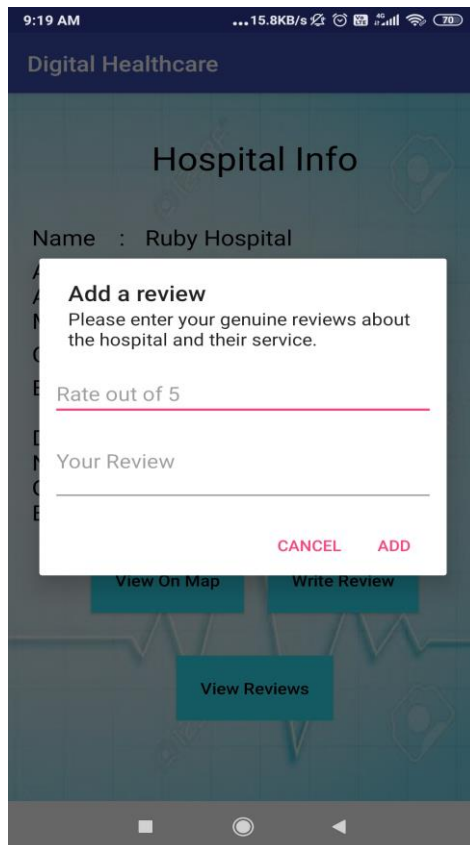


Fig 6:- User can add review here.

IV. CONCLUSION

➤ *The Application Health Care Management System's*

Motto is to save the users from unnecessary wastage of money, nowadays hospitals charge unreasonable rates for a minor treatment. The user can easily make a clever decision with this application as user can compare rates and quality of treatment for several hospitals. The system provides proper location of the hospital which will guide the user in case of emergency. If the user is new to a place and is unaware of a nearby hospital the user can locate nearest hospitals. This application also allows user to review hospital and the service they provided. The software is very useful for hospitals as they do not need to keep manual records of their doctors, treatments and users.

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