e-ISSN: 2582-5208
International Research Journal of Modernization in Engineering Technology and Science
(Peer-Reviewed, Open Access, Fully Refereed International Journal)
Volume:04/Issue:12/December-2022 Impact Factor- 6.752 www.irjmets.com

CURE-IT (A WEBSITE WHICH CONTAIN INFORMATION OF SERVICES REGARDING MANY HOSPITALS)

Sheetal Patidar*1, Tansi Bhandari*2, Vivek Sharma*3

*1,2,3Student, Department Of Computer Science Engineering, AITR, Indore, MP, India.

ABSTRACT

This paper provides a theoretical perspective on "CURE-IT" that is used to store essential information regarding the hospital Services like – Blood availability in hospitals, beds availability in hospitals etc. Users can choose the best hospital according to their current need. By using this website users can also donate blood if they want to donate blood, user can get blood in an emergency situation. In this user will also get information regarding hospitals and doctors for any particular disease. So, now no need to visit hospital (offline) for getting all of this information. You can visit website CURE-IT and get information regarding this. Now don't have to waste your crucial time by finding hospitals. You can visit CURE-IT and get all this information easily (online). The main aim is to provide information of services regarding many hospitals to user and make their life easy.

Keyword: Website, Information Regarding Many Hospital's Services In A Single Site, Blood Availability, Beds Availability.

I. INTRODUCTION

The CURE-IT has been developed to overcome the problem which is faced by many people, the problem is that people don't get any information regarding services which provide by hospitals in a single site. The CURE-IT can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

CURE-IT is a powerful, flexible, and easy to use website and is designed and developed to deliver real conceivable benefits to hospitals.

In CURE-IT you will get information regarding the hospital Services like – Blood availability in hospitals, beds availability in hospitals etc. Users can choose the best hospital according to their current need. User will also get information regarding hospitals and doctors for any particular disease.

Website CURE-IT is going to store the information of all the hospitals available, rather than information about a single hospital/clinic. We are going to take information from the hospital regarding availability about their services, Prices, and reviews left by the past patients, we are also going to store information about doctors. We will be making a dynamic website which will get updated from time to time.

II. METHODOLOGY/PLANNING OF THE PROJECT WORK

At the starting we have to do proper communication with customer, for this we have to be in touch with customer by conducting weekly or monthly meetings according to need. We have to give them information regarding project by presentation etc. and also take their feedback and do modification if need.

For a successful project , we should follow following steps:

1. Requirement analysis
2. Planning
3. Design
4. Implementation
5. Testing
6. Maintenance
7. Cost
8. Time
9. Size of code

III. MODELING AND ANALYSIS

MODULES:

The entire project mainly consists of 7 modules, which are

- Sign up/Sign in module
- Get Blood module
- Donate Blood module
- Beds Availability module
- Get help module

1. Sign up/ Sign in module:

- New Users need to sign up first.
- After sign up , new user have do to sign in.
- User who visit CURE-IT at least one time , they have to sign in for home page

2. Get Blood module:

- Click on Get Blood button
- View a form
- fill that form
- submit that form
- get information regarding blood availability

3. Donate Blood module:

- Click on Donate Blood button
- View a form
- fill that form
- submit that form

4. Beds Availability module:

- Click on beds available button
- Click on beds availability button
- You can see a list of many hospitals regarding beds available
- Hospital staff can enter hospital and details for update

5. Get Help module:

- Click on Get Help button
- Enter disease
- click on search
- you can see a list regarding this.

IV. ANALYSIS

EXISTING SYSTEM:

User currently visit different different websites for getting information regarding services which is provided by hospitals. The current system takes a lot of time to get information. Often information is incomplete or does not follow management standards. It is a total waste of time to visit different different hospitals.

PROPOSED SYSTEM:

The CURE-IT is designed for any user to provide information regarding services of many hospitals. The new system is to control the information of beds availability, blood availability etc. These services are to be provided in an efficient, cost effective manner, with the goal of reducing the time and resources currently required for such tasks.

e-ISSN: 2582-5208
International Research Journal of Modernization in Engineering Technology and Science
(Peer-Reviewed, Open Access, Fully Refereed International Journal)
Volume:04/Issue:12/December-2022 Impact Factor- 6.752 www.irjmets.com

V. RESULT AND DISCUSSION

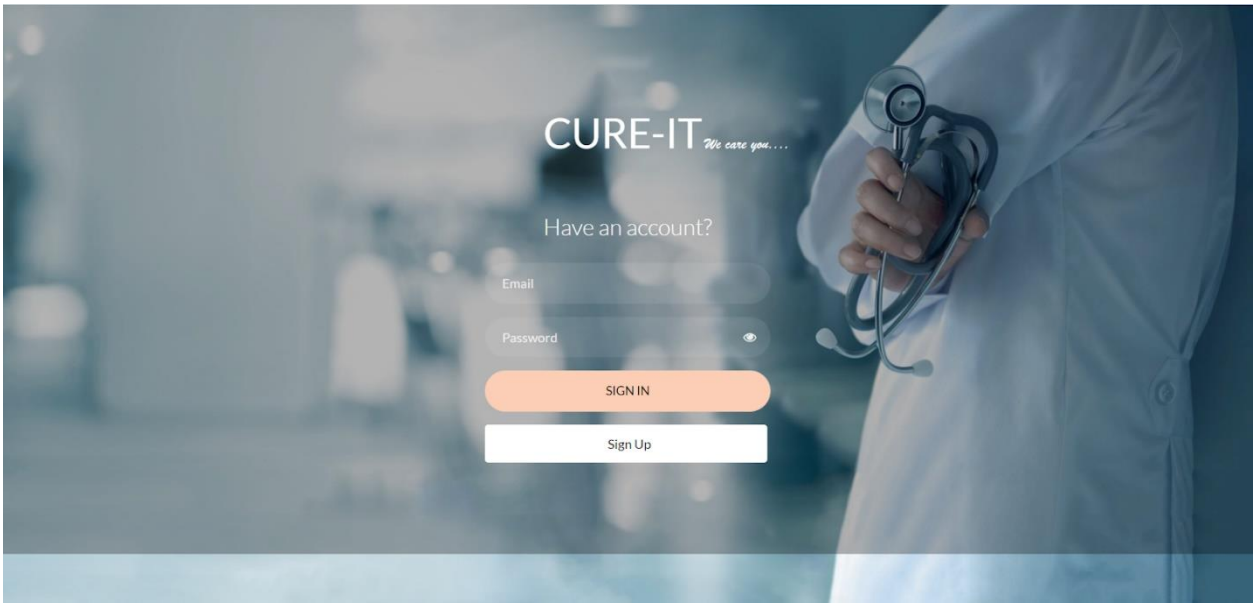
Cure it website is made of a combination of modules with work together and make it beneficial to fulfill the main aim of the website.

Sign up:

If users have never visited CURE-IT then they need to sign up first. That means new users must have to sign in to visit CURE-IT.

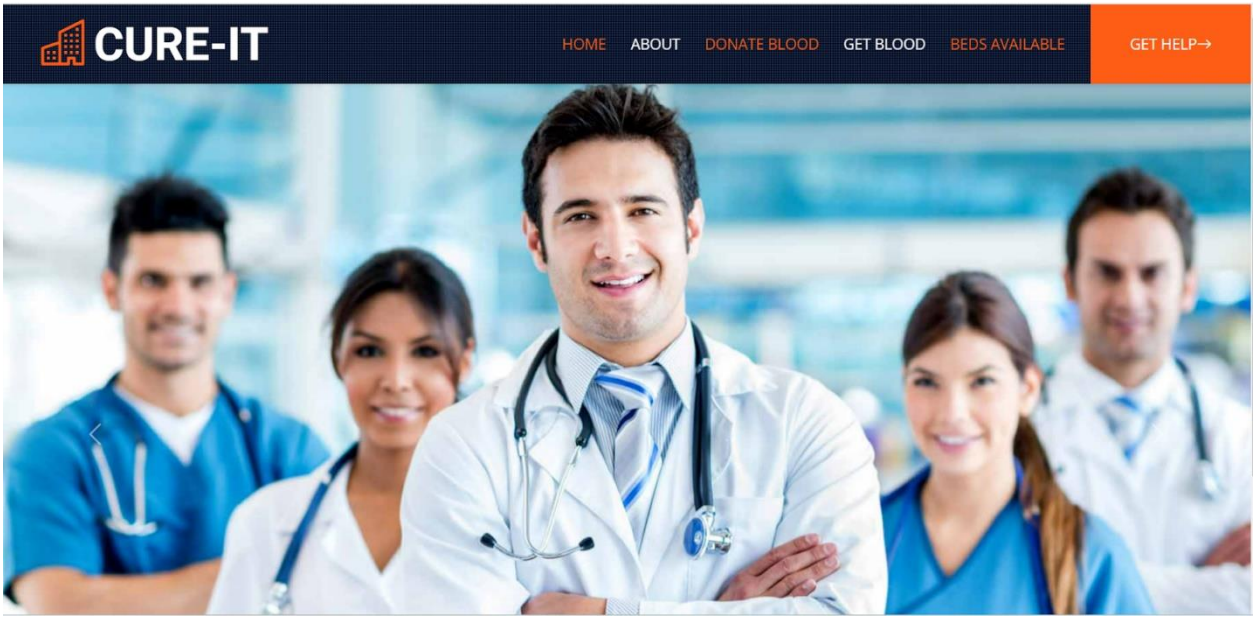
Sign in:

If a user has already visited CURE-IT then they need to sign in first. That means user users who visit CURE-IT one or more than one time then they will sign in.



Home Page:

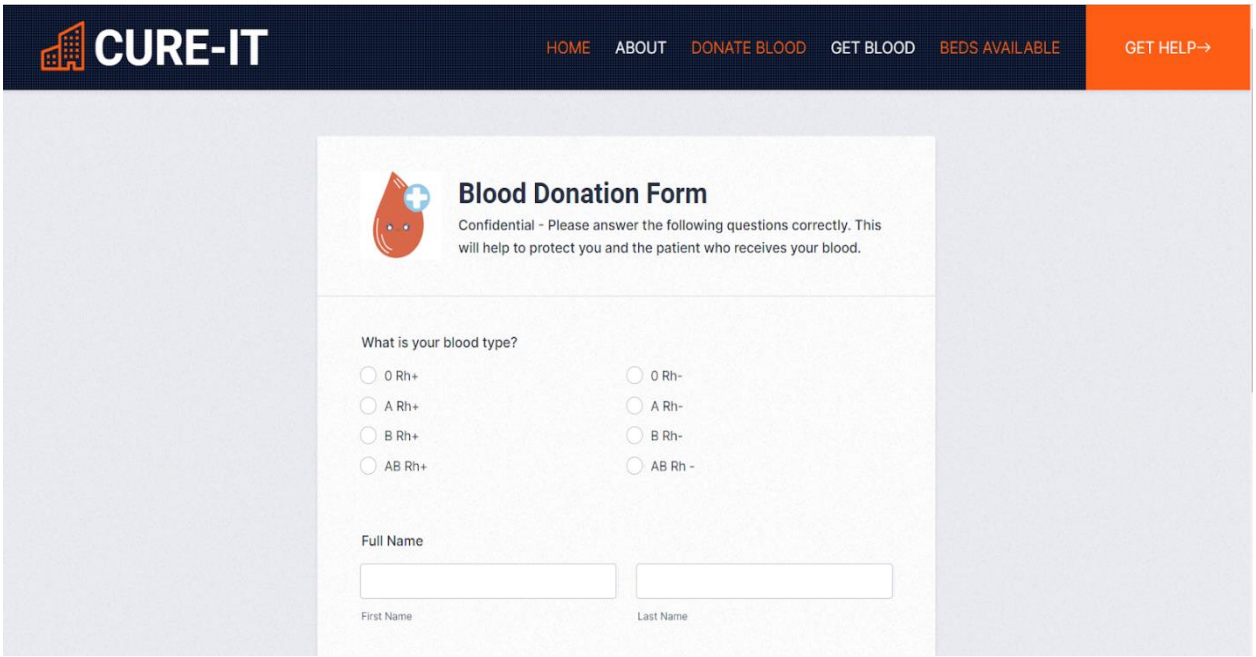
After sign up / sign in user will redirect on this home page.



Donate Blood:

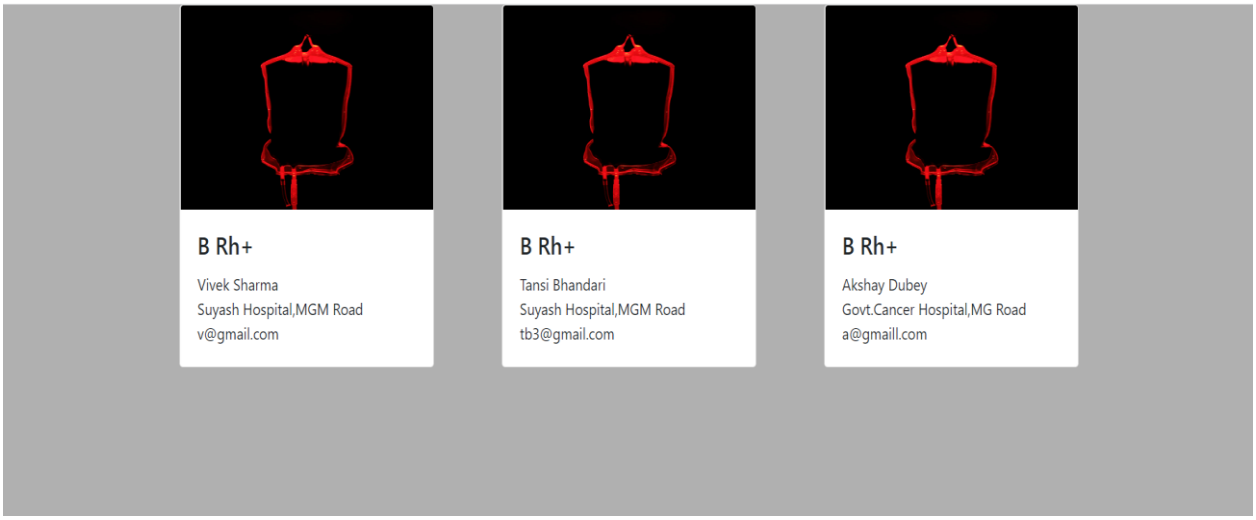
When the user clicks on the donate blood button then they will get a form in which they will have to provide their information and their blood group.

e-ISSN: 2582-5208
International Research Journal of Modernization in Engineering Technology and Science
(Peer-Reviewed, Open Access, Fully Refereed International Journal)
Volume:04/Issue:12/December-2022 Impact Factor- 6.752 www.irjmets.com



Get Blood:

When the user clicks on the get blood button then they will get a form in which they will have to provide their information and blood type as per their needs . and then we will provide a list of hospitals in which that blood group is available.

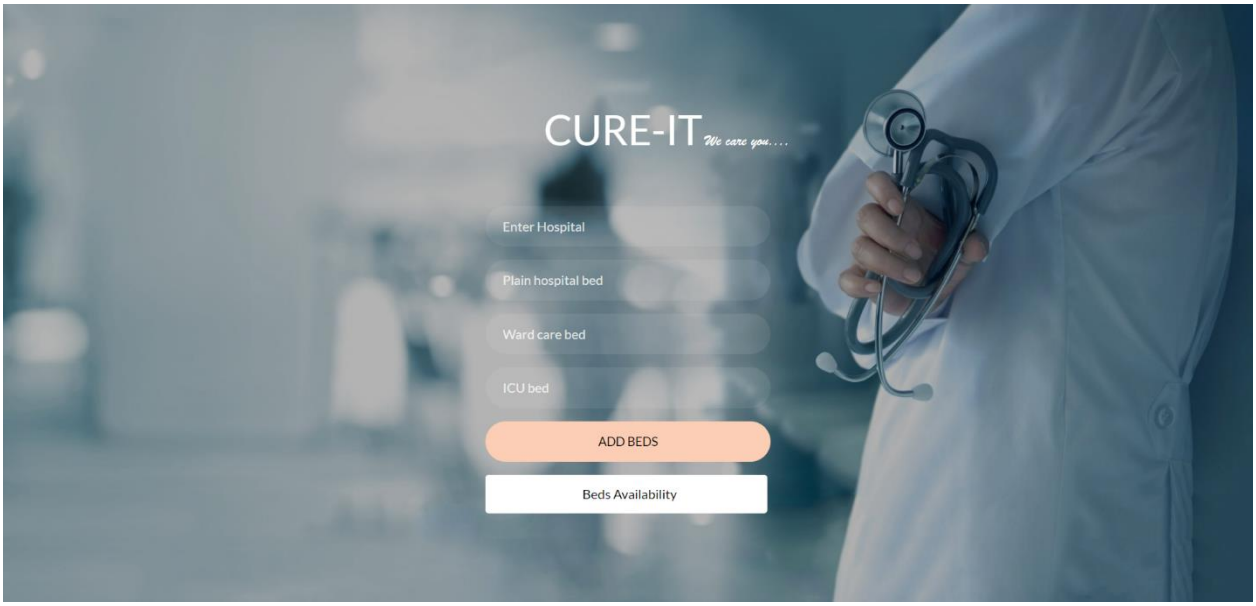


Beds Available:

When the user clicks on the beds available button then they will get a page in which user will see a beds availability button so when user will click on that button then they will found a list regarding all information about beds like how much plain hospital beds, ward care beds and ICU beds are available in which hospital.

Hospital manager/staff can update that list , for this they have to enter hospital name then they will provide information that how much plain hospital beds, ward care beds and ICU beds are available on that particular hospital. For this after enter all the value they have to click on add beds button.

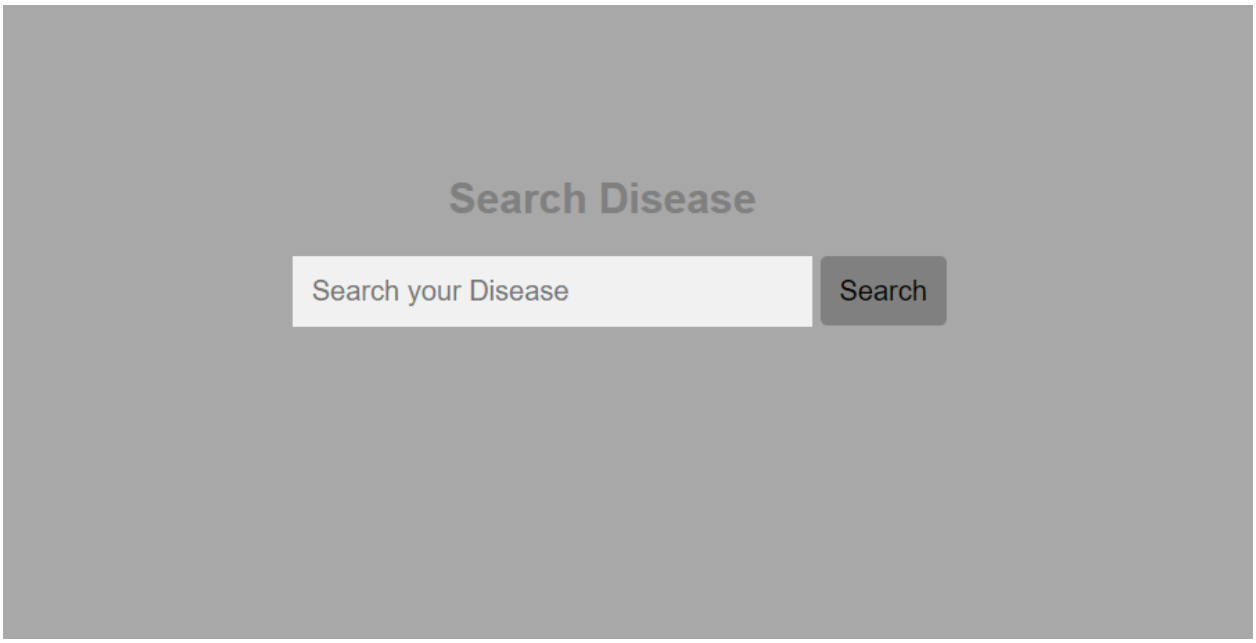
e-ISSN: 2582-5208
International Research Journal of Modernization in Engineering Technology and Science
(Peer-Reviewed, Open Access, Fully Refereed International Journal)
Volume:04/Issue:12/December-2022 Impact Factor- 6.752 www.irjmets.com



Hospital	Plain Hospital Bed	Ware Care Bed	ICU Bed
Sanmati Hospital,Indore	5	6	4
CHL,Indore	23	12	23
Apollo Hospital	12	56	45
Choithram Hospital	34	56	56
Shalby Hospital	23	56	45
Bombay Hospital	50	45	60

Get Help:

When user will click on get help button which is available on right hand corner then they will get a search bar regarding disease . when user will going to search for any disease then they will get suggestions of other diseases as well. And when user will click on enter then they will get a list in which they will found information regarding doctors and hospitals for that particular disease.



VI. CONCLUSION

CURE-IT is a dynamic website which will respond according to the user's needs as it contains useful information of services regarding any hospital such as Blood availability in hospitals, beds availability in hospitals etc. Users can choose the best hospital according to their current need. By using this website users can also donate blood if they want to donate blood, user can get blood in an emergency situation. User will also get information regarding hospitals and doctors for any particular disease.

Users will get a suitable interface to check all info easily (User friendly interface). Now the user will be able to check the best hospital according to his/her need and disease. Patients will be able to book both for offline and online appointments. We will use html, css and java script for front-end and java (Advanced)for backend (since java is a very secure and platform independent language). We will be using software like MySQL workspace, eclipse and VS-code.

VII. REFERENCES

[1] Kohn L, Corrigan J, Donaldson M, Committee on Quality of Health Care in America IoM, editors. To Err Is Human: Building a Safer Health System. Washington, D.C.: National Academy Press; 1999.

[2] Measuring the Quality of Health Care: A statement of the National Roundtable on Healthcare Quality Division of Healthcare Services: National Academy Press; 1999.

[3] Envisioning the National Health Care Quality Report. Washington D.C.: Institute of Medicine; 2001.

[4] EMBASE. In. The Netherlands: Elsevier Science Publishers B.V.

[5] MEDLINE [database online]. In. Bethesda (MD): National Library of Medicine.

[6] Serious Reportable Events in Healthcare. Consensus Report. Washington D.C.: National Forum for Health Care Quality Measurement and Reporting; 2002