



University of Diyala

College of Science

Computer Science

Website Design for Blood bank

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

(اقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ * خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ * اقْرَأْ وَرَبُّكَ الْأَكْرَمُ *

الَّذِي عَلَّمَ بِالْقَلَمِ * عَلَّمَ الْإِنْسَانَ مَا لَمْ يَعْلَمْ)

سورة العلق: الآيات (1-5)

(وَمَنْ أَحْيَاهَا فَكَأَنَّمَا أَحْيَا النَّاسَ جَمِيعًا)

سورة المائدة: آية (32)

صدق الله العظيم

الامضاء

بدأنا بأكثر من يد وقاسينا أكثر من هم وعانينا الكثير من الصعوبات وهانحن اليوم والحمد لله
نطوي سهر الليالي وتعب الأيام وخلاصة مشوارنا بين دفتي هذا العمل المتواضع .

* إلى إلى منارة العلم والإمام المصطفى إلى الأمي الذي علم العالمين إلى سيد الخلق إلى رسولنا الكريم
محمد (صل الله عليه وسلم) .

* إلى من حبههم يجري في عروقي ويلهج بذكراهم فؤادي إلى امي وابي.

الشكر والتقدير

أشكر الله العليّ القدير الذي أنعم عليّ بنعمة العقل والدين القائل في محكم التنزيل ،عن أبي هريرة - رضي الله عنه - قال - قال صلى الله عليه وسلم "من لا يشكر الناس ، لا يشكر الله". وقال رسول الله (صلى الله عليه وسلم): "من صنع إليكم معروا فكافئوه ، فإن لم تجدوا ما تكافئونه فادعوا له حتى تروا انكم قد كافئتموه" (رواه أبو داود).

وايضا وفاء وتقديرا واعترافا مني بالجميل أتقدم بجزيل الشكر لأولئك الذين لم يألوا جهدا في مساعدتنا في مجال البحث العلمي ، وأخص بالذكر الأستاذ الفاضل :عبدالباسط على هذه الدراسة وصاحب الفضل في توجيهي ومساعدتي في تجميع المادة البحثية ، فجزاه الله كل خير.

واخيرا أتقدم بجزيل شكري الى كل من مدوا لي يد العون والمساعدة في اخراج هذه الدراسة على اكمل وجه.

Abstract

The number of people needing blood is increasing day by day. In order to help the people in need of blood, the online blood bank can be used effectively to obtain the details of blood donors who have the same blood group and within the same city. With the help of the online blood bank, the people who are registered are registered. They are considering donating blood at an online blood bank.

The electronic blood bank is a non-profit website aimed at to create a database that contains donor data where you can search for donors using (Blood type and region)

They are the foundations on which this site is used to give you a result Donor data (name, address, phone number, type Platoon, Call Time)

In addition to the ability to donate blood by registering your data MYSQL database was used for database design This website data and visual basic language for this site's programming and dealing with the database.

SUPERVISOR CERTIFICATION

I certify that the preparation of this project entitled
Website Design for Blood bank

prepared by

Doaa Waleed

Israa raad

was made under my supervision in the Department of Computer Science/College of
Science/University of Diyala and it is part of the requirements for obtaining a Bachelor's
degree in Computer Science

Signature :

Name :

Date :

Context

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Chapter 1

1 (INTRODUCTION)

1.1 INTRODUCTION:

The number of people needing blood is increasing day by day. In order to help the people in need of blood, the online blood bank can be used effectively to obtain the details of blood donors who have the same blood group and within the same city. With the help of the online blood bank, the people who are registered are registered. They are considering donating blood at an online blood bank, as we all know, the idea of a blood bank is an old idea as old as time, and donating blood has been around and has been known for decades and there are many.

There are many who donate, and there are also many who fail and refuse, but more important than this and that, there are thousands Patients who lose their lives due to the need for a drop of blood and did not find it and to keep up with our times with its speed, crowd and fullness.

With the events, it was necessary to add some ideas to improve the process of donating blood in the traditional way and make use of Information technology in this field. Hence the idea of the site, this bank does not depend on the presence of thousands of red bags in its refrigerator is waiting for those who need it. There are no refrigerators here. Rather, this bank relies on the existence of organized lists that include Phone numbers of thousands of volunteers, and when needed, they are called and the donor is delivered to the needy, so they go together to a blood bank Real for the donor to donate blood. The means of communication are within reach of those who are in dire need of blood, that is, the Registrants On site - and registered on the site is not required to donate.

1.2 PROJECT IDEA:

Some of us stop at these situations, Almost every one of us may go through a lot of situations in our daily life, but say So that they know how to benefit from it or to benefit others about it, and from these situations, traffic accidents, and operations His blood is rare, which hinders surgery ... etc , because every person in these situations needs blood, and it may be my lobe Things are farther away ... Such attitudes were the reason for establishing a blood bank on the Internet.

1.3 TARGET:

Solving the problem of blood shortage by creating a social donation mechanism that ensures the availability of blood when needed and without compromising life the person who needs blood is at risk.

Chapter 2

2 (TECHNIQUES USED IN PROGRAMMING AND DESIGNING THE SITE)

2.1 WEBSITE:

A website is a group of related, similarly linked web files, which are related to each other, designed by an individual or a group of individuals or an organization. Browsers are called a web browser and they can be viewed by mobile phones via the WIRS technology, and a website can contain one or more subsites. [1]

2.2 THE DIFFERENCE BETWEEN A WEBSITE AND A WEB PAGE:

a website is a central website that includes a number of web pages linked to each other, which usually can be accessed through the home page, while a web page is a file written in HTML. It can include text, an image, as well as links to other pages. The web page can be accessed by the web browser by typing its address in it.

2.3 FACTORS AFFECTING THE DESIGN AND CREATION OF THE WEBSITE:

The most important challenge to designing and creating a web site is that it is appealing to the visitor on the first visit, and fun enough to encourage repeat visits to surfers. Therefore, websites should be structured with meaningful graphics and display clear text, image and animation. Web designers for e-marketing must face the following seven points.

- The context: includes the layout and design of the site .
- Content: It includes the text, image, audio, and video it contains
- Community: It includes ways to make websites achieve user-user connections.
- Customization: It includes the ability of the site to tailor itself to different users in order to allow them to make the site personal.
- Communications: The ways in which a site facilitates communication of a site with a user or user to the site, or in both directions. And the .
- Connection: includes the degree to which the site is linked to other sites.
- Commerce, which includes the potential for society to make commercial operations possible. [2]

2.4 TYPES OF WEBSITES IN TERMS OF STRUCTURE (PROGRAMMING):

We can divide the types of websites in terms of structure and design into two types, which are as follows:

2.4.1 Static Websites

- Static websites are sites that are usually written in HTML + CSS, and are characterized by being simple and small in terms of the amount of content and data displayed on them , This type of website was the most consumed in the past because it relied mainly on static (static) pages.
- Sites that are built on static pages. Websites that are built on static pages are not ineffective in terms of their ability to create or develop them. What is wrong with this type of site is the difficulty of developing it or adding and modifying the content presented to it.

2.4.2 Dynamic Sites

- dynamic sites, or what some call them interactive sites are sites built primarily in a programming language such as PHP, ASP, Ruby, and Python, and the content is fetched through a database or other files, and this type of site is in use in our current time, as it can be said that Most of the sites on the Internet are dynamic (interactive) sites. The most
- Sites that are based on dynamic pages, sites that are based on dynamic pages, sites that are based on databases) are distinguished by the fact that developing or adding and modifying the content presented to them is easy and smooth through a special control panel. [3]



2.5 WEBSITE DESIGN AND PROGRAMMING:

Website design and programming is taking care of everything related to the server, linking databases, and designing how the site works itself. Handling the site in all its technical aspects. Special programming languages such as PHP, Java and many other languages are used in this. There is a simple analogy to distinguish between web design and web programming. Imagine, dear, that the site is simply a "car" if you want to buy a car. Then the car with distinctive design and powerful engine, chooses the location like the car with special design. The car is the design for the site, the engine here is the programming, and they both complement each other to produce a distinctive and powerful website. Web programming is no longer a domain reserved for computer, software and information technology engineers. But programming in general, whether programming websites or applications in all their forms, has become a field available to all, including people who do not have any technical or software backgrounds.[4]

2.6 WEBSITE DESIGN STAGES:

- Define the idea dividing it into components.
- Make an outline of the site's appearance and presentation.
- Start implementing the design on the various design programs.
- Output the website design in the form of a static website on the browser (site coding process).
- Considering and modifying the design to suit different devices (Responsive Design).
- Fitting the design to the required programming. [4]

2.7 DESIGN (FRONT-END):

2.7.1 Hyper Text Markup Language (HTML)

The (Hyper Text Markup Language) It is used in programming all sites and it is not considered a programming language as much as it is considered the language of structuring sites, as it is included in the construction of all sites, and those who want to learn programming sites must be proficient in it in addition to HTML5, which is the latest version of the basic language as it includes some additions and improvements, Flexible and easy to learn. [4]

The date of the emergence of this language goes back to the year 1991 at the hands of the founder of the web Tim Berners Ellis less, and the next version of HTML v2.0 dates back to its founding in 1995, and updates continued until the last version of it in 2016. [5]

2.7.1.1 The standard html format:

- <DOCTYPE! This sentence is used to determine the quality of the page document with an indication of the version used to build the web page, and in our case it is version No. 1.0 .
- <html> This is the basic tag that surrounds the entire web page. This we do not close except at the end of the page so that there is nothing yet And the closing tag <html />.
- <head> This page header tag as it contains a set of commands that aim to control the site, but it never appears with the content of the page and is closed With the closing tag <head />, upon completion of placing these commands, and the most important of these commands are:
 - <title> The title of the page that appears on the bar. [6]

2.7.2 Cascading Style Sheets (CSS)

CSS is referred to by an acronym to Cascading Style Sheets, which means Cascading Style Sheets. HTML defines the page structure and tells the browser what each element on the page does (such as another page link or headline), while CSS provides instructions to the browser on how to display this element on the page in terms of Design, distance and position, and if we assume that HTML is based on building the structure of the house, CSS paints the house and design its decor, and this is done by a set of instructions that specify who and what should be formatted on the HTML elements, and these instructions also contain properties such as colors Font size and font type, and you can also isolate the formatting (colors - fonts - buttons ...) from the content of the document written in HTML. The history of css language for the first time dates back to the year 1994 by the programmer Hakon Wium Lie, where he collaborated with an integrated team of programmers to finally come up with standard papers designing web pages efficiently, and it was concluded that the first document W3C CSS should be issued in 1996 That was the first version of it, and the next version was released based on Burt Boss's suggestions. The importance of CSS increased in conjunction with the development of HTML to complement each other, and their merging contributed to making the display of pages on the web more clear, easy and important for users, each version of This language, the team working on developing it, was keen to address the gaps in the previous version and add more additional features and characteristics to come out with a new version, and the information indicates that there are versions that are still under development since 2014. [\[5\]](#)

2.8 WEBSITE PROGRAMMING (BACK-END):

2.8.1 Visual Basic.Net:

VB.NET stands for Visual Basic.NET,
and it is a computer programming language
developed by Microsoft.



It was first released in 2002 to replace Visual Basic 6. VB.NET is an object-oriented programming language. This means that it supports the features of object-oriented programming which include encapsulation, polymorphism, abstraction, and inheritance.

The language was designed in such a way that it is easy to understand to both novice and advanced programmers. Since VB.NET relies on the .NET framework, programs written in the language run with much reliability and scalability. With VB.NET, you can create applications that are fully object-oriented, similar to the ones created in other languages like C++, Java, or C#. Programs written in VB.NET can also interoperate well with programs written in Visual C++, Visual C#, and Visual J#. VB.NET treats everything as an object.

It is true that VB.NET is an evolved version of Visual Basic 6, but it's not compatible with it. If you write your code in Visual Basic 6, you cannot compile it under VB.NET.[\[7\]](#)

2.8.2 DATABASE:

We can define the database as a set of logically related files stored in an organization that improves the access of the application systems of an organization to information and reduces its repetition to the literary limit. There are a number of ready-made software tools using DBMS, which is a set of software that monitors the creation, maintenance, and use of databases, and supports the various processing operations and production of reports. [\[8\]](#)

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2.8.2.1 Structured Query Language (SQL) database:

SQL is a non-procedural programming language. It is a specialized language that differs greatly from other programming languages such as Java, or C. It is called the structural query language or the language of databases. An abbreviation of the term (9, which is Structured Query Language), so SQL is the language for controlling and dealing with coherent, interconnected databases by working through data entry operations, data structures, filtering, searching, deleting, sorting, and modifying data, and other tasks.[9]

2.8.2.2 SQL language usage:

It is used to create a system for managing databases, dealing with information in them, and executing the commands needed by database users. These commands include:

- Organizing and modifying data by adding, deleting, modifying and archiving
- Searching databases and accessing information
- The SQL programming language is used to ensure the accuracy of information and data protection
- It is used to control permissions and permissions for users who interact with databases.



2.8.2.3 The main differences between MySQL and SQL Server:

1. Environment:

As previously suggested, SQL Server works best with .NET, while MySQL can be paired with almost every other language, usually PHP.

It should also be noted that SQL Server is used to run Windows exclusively, but that changed two years ago when Microsoft announced Linux support for SQL Server.

2. Syntax:

For most people, this difference is the most significant between the two systems.

Getting to know one set of grammar rules over another can greatly influence your decision as to which system is right for you.

Although both MySQL and SQL Server are based on SQL, the differences in syntax are still notable and worthwhile.

For example, look at the following example:

MySQL:

```
SELECT age  
FROM person  
ORDER BY age ASC  
LIMIT 1 OFFSET 2
```

Microsoft SQL Server:

```
SELECT TOP 3 WITH TIES *  
FROM person  
ORDER BY age ASC
```

Both parts of the code achieve the same result, as they return 3 entries with the youngest age from a table named person.

But there is a drastic change in the syntax, of course the syntax is subjective so we can't make any recommendations

3. Storage drives:

Another big, sometimes overlooked difference between MySQL and SQL Server is the way the data is stored.

SQL Server uses a single storage engine developed by Microsoft.

In contrast, there are multiple engines offered for MySQL, and this gives MySQL developers more flexibility, as they can use different engines for different tables, based on speed, reliability, or some other dimension.

The most popular MySQL storage engine is InnoDB which is at the slower end of the spectrum, but maintains reliability.

4. Cancel Query:

Not many people know this, but a potential difference in handling between MySQL and SQL Server is that MySQL does not allow you to cancel the query in the middle of execution.

This means that once the command has been executed, it is best that any damage it may cause is reversed.

On the other hand, SQL Server allows you to cancel the query in the middle of the process.

This difference can be particularly detrimental to database administrators, in contrast to web developers, who implement written commands that rarely require query cancellation during execution.

5. Security:

There is not much to consider when comparing the security differences between MySQL and SQL Server.

They are both EC2 compliant, which means that most of the time you are in good hands as you can choose either one.

Having said that, Microsoft's shadow also looms here, as SQL Server is equipped with special and modern security features. [\[10\]](#)

2.9 NECESSARY TOOLS:

2.9.1 Web browser:

Web browser A web browser is the program used to browse websites, such as Internet Explorer and Mozilla Firefox for example. Browsers are like other programs that differ from each other in how they work, and one browser is distinguished from another in a number of characteristics, including performance, speed, functions and tasks.

Google Chrome: Google Chrome is a free and open source web browser developed by Google. The trial version of the program was released on October 7, 2009 and quickly found a place in the browser market and today is among the first three most used browsers. The most important feature of Chrome is the high speed in loading pages, so it is not surprising that it has become a favorite among the audience of ordinary users who use the Internet only for entertainment or for business that does not need more than just downloading some pages. In addition, it is well accepted by the audience of users of Google services for its good handling of it.

Mozilla Firefox: Firefox is a free, open source browser developed by many volunteer programmers, coordinated and supervised by the Mozilla Foundation. Firefox is the browser revolution maker and the first competitor to Microsoft's Internet Explorer browser. The most important feature of Firefox is its customizability through the many extensions available on the browser's official website. Firefox has been admired by many designers, programmers and experts because of this feature that allows them to add many additional tasks aimed at facilitating their work.

Internet Explorer: Internet Explorer is developed by the giant Microsoft, and owes its fame to Windows systems, as it comes integrated with it. What made it the most famous browser undisputedly, but after the revolution brought about by Firefox and followed by Google Chrome, the integration of Explorer with Windows systems is no longer a sufficient policy alone to ensure its dominance in the market, so Microsoft has become more and more interested in the development of Internet Explorer. The importance of Internet Explorer for the designer is that it is the most used browser, so when designing any site, care must be taken to be suitable for it. [6]

2.9.2 Text editor:

A text editor is like a program that we will write commands inside before you save it as a web page. In fact, there are many text editors, some of which are more advanced than others, and some are specialized for web design and some are not, some of them are free and some are commercial and paid.

Editor Notepad++: Editor Notepad++ is a free, open source text editor that supports many languages and offers many advantages, most notably highlighting language expressions with custom colors or what is called (Syntax Highlighting) in English, and this beautiful feature enables well-organized commands and ease of review. [\[6\]](#)

Chapter 3

3 (PRACTICAL PART)


3.1 THE MAIN FACADE:



The main interface contains:

1. Search for a donor
2. Register a new donor
3. Privacy
4. Email us
5. Conditions for donating blood
6. Tips after donating blood
7. The reward for donating blood
8. Benefits of donating blood

1. Search for a donor:



مدن محافظة ديالى

استخدم النموذج أعلاه للبحث عن متبرع دم

When entering the search information from the city and type of group



مدن محافظة ديالى

اختر فصيلة الدم +0

اختر مدينتك بعقوبة

وقت الاتصال	نوع الاتصال	البريد الالكتروني	فصيلة الدم	رقم الهاتف - الجوال	اسم المدينة	تاريخ ميلادك	اسم المتبرع
خلال 24 ساعة	اتصال ورسائل نصية	example@gmail.com	+0	0770000	بعقوبة	2021-06-01	اسراء
من 8 صباحا الى 3 عصرأ	اتصال ورسائل نصية	duaawaleed1316@gmail.com	+0	07740549518	بعقوبة	1999-04-08	دعاء وليد
من 8 صباحا الى 3 عصرأ	اتصال ورسائل نصية	duaawaleed1316@gmail.com	+0	07740549518	بعقوبة	1999-04-08	دعاء وليد

استخدم النموذج أعلاه للبحث عن متبرع دم

A list appears containing the name, date of birth, blood type, phone number, city name, e-mail, contact type, contact time for people who want to donate blood

2. Register a new donor:



سجل بياناتك لدينا

تم الإضافة بنجاح

* اسم المتبرع : دعاء وليد

* تاريخ ميلادك : ٠٨/٠٤/١٩٩٩

* مدينتك : بعلبكية

رقم الهاتف - الجوال : 0772753

* فصيلة الدم : B+

البريد الإلكتروني : test1@gmail.com

خيارات لطريقة التواصل : اتصال برسائل نصية

نوع الاتصال : اتصال

وقت الاتصال : خلال 24 ساعة

أضف بياناتك

Here, the donor enters the information (name, date of birth, city, phone number, blood type, e-mail, contact type, contact time) and click on add your data, a message will appear successfully added, which means that the user data has been registered in the database as a donor

3. Privacy

الخصوصية

- الهدف من الموقع هذا هو لمساعدة محتاجي الدم فقط ويمنع منعاً باتاً استخدام محتويات الموقع لأهداف أخرى .
- المتبرعون وضعوا معلوماتهم لهدف نبيل ويرغبوا ان تستخدم معلوماتهم في هدف نبيل كذلك .
- للموقع كامل الحق في ملاحقة مخالفي خصوصية الموقع قانونياً .
- لتعديل البيانات او حذفها ارسل لنا رساله عبر اتصل بنا بها رقم الجوال والدوله والمطلوب عمله حذف او البيانات المراد تعديلها

Privacy is necessary on any site. Users' data is not allowed to be published or changed without their consent

4. Email us

راسلنا

الاسم الاسم

البريد الإلكتروني البريد الإلكتروني

عنوان الموضوع عنوان الموضوع

نص الموضوع نص الموضوع

تغير الكود

ادخل الكود الكود

إرسال

Here the user contacts the page in case he encounters problems or wants to modify his data, and this is done by entering his data (name, email, subject title and subject text)

5. Conditions for donating blood:

شروط التبرع بالدم

- أن يكون المتبرع بصحة جيدة ولا يعاني أي أمراض معدية . أن يكون عمر المتبرع من 18 الى 65 سنة
- يجب أن لا يقل وزن المتبرع عن 50 كجم
- أن يكون عمر المتبرع من 18 65 سنة
- أن تكون نسبة الهيموجلوبين للرجال من 14-17 جم ، وللنساء من 12-14 جم
- أن يكون النبض بين 50-100 في الدقيقة
- أن لا تزيد درجة الحرارة عن 37 درجة مئوية
- أن يكون معدل ضغط الدم أقل من 120/80 ملم زئبق

To donate blood, there are a few conditions that must be followed for the safety of the donor and the future

6. Tips after donating blood



نصائح بعد التبرع بالدم

- بعد التبرع تأخذ قسطاً من الراحة وتتناول وجبة خفيفة وبعد 10-15 دقيقة يمكنك مغادرة مكان التبرع
- تجنب النشاط البدني الشاق أو رفع الأحمال الثقيلة لمدة 5 ساعات بعد التبرع
- عند الشعور بالدوخة " ينصح بالاستلقاء على الظهر مع رفع القدمين
- الإكثار من شرب السوائل

7. The reward for donating blood

ثواب التبرع

- فضل إنقاذ حياة إنسان (. . . ومن أحيائها فكأنما أحيى الناس جميعاً . . .) من سورة المائدة آية 32.
- التبرع عمل إنساني نبيل لأنه يساهم في إنقاذ حياة آلاف المرضى .
- قال رسول الله صلى الله عليه وسلم قال : بينما رجل يمشي بطريق اشتد عليه العطش فوجد بئراً فنزل فيها فشرب ثم خرج فإذا كلب يلهث يأكل الثرى من العطش فقال الرجل لقد بلغ هذا الكلب من العطش مثل الذي كان قد بلغ مني فنزل البئر فملأ خفه ماء ثم أمسكه بفيه حتى رقي فسقى الكلب فشكر الله له فغفر له قالوا : يا رسول الله ! إن لنا في البهائم أجراً ؟ فقال : في كل كبد رطبة أجر متفق عليه . وفي رواية للبخاري : فشكر الله له فغفر له فأدخله الجنة فقد غفر الله له وأدخله الجنة لرحمته بالكلب فما بالك بمن يحيى إنساناً يعانى ويوشك على الهلاك .
- فضل تفريج الكربات فقد قال صلى الله عليه وسلم " من فرج عن مسلم كربة من كرب الدنيا فرج الله عنه كربة من كرب يوم القيامة " (رواه الشيخان من حديث ابن عمر، كما في اللؤلؤ والمرجان، برقم 1667).
- فضل إعانة الضعفاء الذى هو من أسباب النصر والرزق فقد قال رسول الله صلى الله عليه وسلم (إنما تنصرون وترزقون بضعفائكم) وفى رواية (وهل تنصرون وترزقون إلا بضعفائكم) .

8. Benefits of donating blood

فوائد التبرع العلمية

- تنشيط نخاع عظام المتبرع لإنتاج خلايا دم جديدة (كريات حمراء وكريات بيضاء وصفائح دموية) .
- المساعدة في تنشيط الدورة الدموية .
- علاج بعض الحالات المرضية مثل الزيادة غير الطبيعية في عدد كريات الدم الحمراء ونسبة الحديد ومنع حدوث مضاعفات هذه الأمراض .
- منح المتبرع فرصة التأكيد من خلوه من الأمراض (الالتهاب الكبدي بأنواعه وسرطان الدم والزهمي والإيدز وغيرها) .
- ثبت أنه في كل مرة تتبرع بالدم فإنك تتخلص من بعض الحديد الذي يحتويه والذي إذا ما ارتفع مستواه بالدم يزيد من مخاطر الإصابة بأمراض القلب ، كما أن الحديد يعجل باكسدة الكوليستيرول ويزيد من تلف الشرايين الصغيرة .
- ن الذين يتبرعون بدمهم مرة واحدة على أقل كل سنة هم أقل تعرضا للإصابة بأمراض الدورة الدموية و سرطان الدم .
- التبرع بالدم ينشط النخاع العظمي (وهو المسؤول الوحيد في الجسم عن تكوين خلايا الدم) , فبينما يتجدد دم الإنسان طبيعيا كل 120 يوما , فإن الإنسان الذي يتبرع يتجدد دمه بعد 20 يوما فقط أى أسرع بستة أضعاف، كما أن خلايا الدم الجديدة أنشط في نقل الأكسجين إلى أعضاء الجسم , مما يؤدي إلى زيادة النشاط والحيوية. فكأن الله يبدل المتبرع بكيس دم أفضل مما تبرع به .

Chapter 4

4 (CONCLUSION AND SUGGSTIONS)

4.1 CONCLUSION

- ❖ This site is designed in an easy way to help users to take advantage of it faster
- ❖ When you enter the city and blood type, a list of people willing to donate blood appears
- ❖ Anyone can enter their data in an easy and simple way to donate blood

4.2 SUGGESTIONS

Our suggestions for future work are

- ❖ We aspire to add new tools that help the user to modify his data
- ❖ develop the project so that it can be opened in the mobile or more than one browser.
- ❖ Expanding the project to include all governorates of Iraq.
- ❖ If it is applied in hospitals.

Chapter 5

5 (REFERENCE)

REFERENCE

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الخلاصة

تزايد عدد الأشخاص الذين يحتاجون إلى الدم يومًا بعد يوم. من أجل مساعدة المحتاجين إلى الدم ، يمكن استخدام بنك الدم عبر الإنترنت بشكل فعال للحصول على تفاصيل المتبرعين بالدم الذين لديهم نفس فصيلة الدم وداخل نفس المدينة. بمساعدة بنك الدم عبر الإنترنت ، يتم تسجيل الأشخاص المسجلين. إنهم يفكرون في التبرع بالدم في بنك دم عبر الإنترنت.

بنك الدم الإلكتروني هو موقع غير ربحي يهدف إلى إنشاء قاعدة بيانات تحتوي على بيانات المتبرعين حيث يمكنك البحث عن المتبرعين باستخدام (فصيلة الدم والمنطقة)

إنها الأسس التي يستخدم هذا الموقع عليها لإعطائك نتيجة بيانات المتبرع (الاسم ، العنوان ، رقم الهاتف ، نوع الفصيلة ، وقت الاتصال)

بالإضافة إلى القدرة على التبرع بالدم عن طريق تسجيل البيانات الخاصة بك ، تم استخدام قاعدة بيانات MySQL لتصميم قاعدة بيانات هذا الموقع الإلكتروني واللغة المرئية الأساسية لبرمجة هذا الموقع والتعامل مع قاعدة البيانات.

((إقرار المشرف))

اشهد بأن اعداد هذا المشروع الموسوم
تصميم موقع الكتروني لبنك الدم

والمعد من قبل الطلاب

دعاء وليد عبدالقادر

اسراء رعد تاج

قد تم تحت إشرافي في قسم علوم الحاسوب / كلية العلوم/جامعة ديالى وهي جزء من
متطلبات نيل شهادة البكالوريوس في اختصاص علوم الحاسوب

التوقيع:

الاسم:

المرتبة العلمية :

التاريخ :