

WEBSITE DEVELOPMENT AND MANAGEMENT SYSTEM:

EMERGENCY HELP

BY

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY

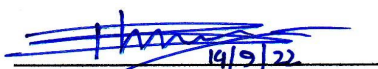
DHAKA, BANGLADESH

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APPROVAL

This Project titled “Emergency Help”, submitted by Mahin Afrin Promi, ID:183-15-11947 and Tasnim Azad, ID:183-15-11800 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on August 2022.

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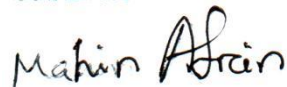
We hereby declare that, this project has been done by us under the supervision of **Mr. Narayan Ranjan Chakraborty, Assistant Professor, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

Our crucial goal is to help people in their emergency time. Our website including some basic information about your nearest doctors, police station, ambulance, blood donor, fire service, hospital, medicine and grocery item. Mainly people don't understand what they should do when some emergency situation happened. People need some information or help such as when an accident met people they need some urgent help like ambulance, doctor etc. They don't know how they will get these things at crucial time. So they can get information from our website. Sometimes people don't know where they actually are. They know anything about the place. But by using our website they can get any Kind of help. This paper illustrates the feature, method, result and uses of our website named "Emergency Help".

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CHAPTER 1

INTRODUCTION

1.1 Introduction

Web is the most renowned thing in this digital world. It doesn't need any separate space like android and does not need to download anything. Web is mostly used internet based application. Website does not require space. They just need to open any browser and use any kind of website as there need.

Now the country is advanced and digitalized. Smart phone is available in everywhere. People know how to make their life easy by using smartphone. Internet is one kind of blessing for us. By using browser anyone can access our website. Our main intention is to help people when they need any kind of help. Victim's nearest doctors, police station, fire service, blood donor, hospital, ambulance, grocery item, medicine everything will be available in our website by accessing their current location. They can find their nearest every information according to their need. They just need to choose their one and use that information.

People will get their need by searching. It doesn't need any physically hard work and the most important thing is people won't be bothered any longer in their crucial time. They just need to be calm and use our emergency situation based website.

1.2 Motivation

Today's world is a very advanced and digitalized world. The present world is online based. All the data, all kind of information is available on the web. The expectation to build up this website to help people in their crucial time. When an emergency happened people get bothered. Sometimes they lose the power of thinking that what they. Actually should do, from where they get some help. So, we made this website to help them in this kind of situation so that they won't be bothered, get the help when they need it.

We saw people are suffering for not getting proper help in their emergency situation. In fact many people give their life too. So from this purpose we want to help people in their emergency situation. In everyday life we need many emergency help like emergency doctor, police number, social workers, blood donation group, ambulance etc. in this

pandemic time most importantly oxygen . people cannot easily get this stuff .every person fell so helpless in this time.so we want to create a website and a android app where we can provide all these services which a person needs in there crises time .This is the main reason we have come with this process. We wanted to be the first one whom you will get with you in your emergency situation.

“We wanted to be trusted and nearest neighbor in people’s emergency situation”.

1.3 Objectives

Our main motivation behind this website is to help people by their needed information. They will get the help directly. They don’t need any kind of log in for collecting their information. They just need to enter our website and get the help.

the objectives are :

- proving all the helpful information for emergency situations.
- The doctor can register themselves to provide doctor information according to the subject for what they are specialist doctor profile contain all information about doctor so that the patient can contact or text him through our website. And the doctor can replay him .
- Admin can add or delete any data
- People can ambulance from their nearest palace by choosing after saw the driver's profile. they also get to know about the cost.
- People will get the nearest hospital, police station, and fire services information
- They can choose their nearest blood donor according to their blood group. They also can contact multiple donors' information from donor profiles.
- Can contact their nearest social workers.
- In our medicine section people will get the medical facility. They can order any medicine as per their need.
- People can order the food too.
- They can also contact the admin panel. The admin can also stalk the history of this website too.

1.4 Expected outcomes

By creating this website we can stand by those people who need help at their crucial time. People can easily contact us through our website and get that as per their need. We want to be always there for those people who need any help or those people who need any help or those people who seeking for help.

1.5: project management and finance

We worked very hard for this project. We managed this project by working together. We collected our information and all the data by our self. All the data are authentic. We also collect data from different type of group and all the data are collected individually. But we started our project during the COVID19 pandemic so we didn't collect all the data by us, some of our data or information took from internet. Our some information source is internet [1][2]. Our project is a web project for this reason we buy the domain hosting for make it live. We expense a little amount for domain hosting.

1.5 Report Layout

in this project report, we organize our content within seven chapters.

The initial part is introduced which is chapter 1. we mentioned introduction , motivation, objective, expected outcome, prospect management, finance, and report layout sequentially in this chapter. Chapter 2 is the background part. it includes preliminaries /Terminologies related works, comparative analysis, scope the problem, challenges.

In our Chapter 3 part we specify the requirement specification part. business process modeling requirement collection and analysis, use case modeling and description, logical data model, and design requirements are included in this chapter. Mainly all the design-related content in chapter 4 describes the front-end design, back-end design, interaction design, user experience, and implementation requirement. Chapter 5 is all about implementation and testing. implementation front-end design, testing implementation result, and reports included in this chapter. Chapter 6 includes the impact on society. impact on the environment, ethical aspects, sustainability plan. It is the last chapter of this report. It is the discussion and conclusion and the future scope part.

So as summary we can say that at first we start our report with the introduction part, after completing background, requirement specification, design specification, implementation and testing and after talking about impact on society we ended our report with discussion and conclusion.

CHAPTER 2

BACKGROUND

2.1 Preliminaries / Terminology

In this section, we will discuss elaborately our project. we also discuss the background thinking to make the project. we live in a developing country. still underdeveloped in most areas of our country. people in underdeveloped areas are still deprived of various services. the most essential of these is the medical system. many people die every year due to lack of treatment because they don't get medical care on time. many lives can be saved if we can provide timely treatment . by using our website people can get medical care very fast. along with proper treatment. proper treatment and medicine are essential to save a person's life. our website provides medicine for people's needs. people do not get proper help in times of need at that time people feel helpless because they don't get the help they need. the main aim of our website is to become a reliable hand next to people in time of need. Besides this, our website also provides ambulance, blood donors, oxygen, food, fire service many helpers. during corona, we saw people suffering a lot for their daily necessities. due to the lockdown, people could not go out to get their essential food. using our website people can order the food they want. oxygen is a very necessary thing for corona patients many people have died due website to stand by people in their time need as much as possible. the main them of our website is we wanted to be the nearest and trusted geezerhood.

2.2 Related works or studies

We have searched many websites but could not find any website exactly like ours. No other website has many indicators as our website. We have seen that there are many websites that are built depending on only one category. We have tried to put all the essential services through on the website. We have put so many categories on our website so that people can get all kinds of opportunities and benefits from using our website when they need it. so finally we can have been created yet.

2.3 Comparative analysis and summary

In this part, we will do a comparative analysis of our website. we are often unable to take the right decision in our time needs. Most of the things we do not have within our reach when needed. It is often too late for us to find what we need or find the right information, that is why we have tried to create a website through which we can stand beside people in emergency situations and solve their problems through our website, people can get many types of services at home such as consultation with an experienced doctor. Blood donation oxygen matching, fire services, social workers, grocery items, etc. Our website will take people one step further in living their beautiful life and hassle-free. Our website is not only for city people but also our website works for remote village people as well. The main goal of our website is to reach people in every corner of the country with their emergency aid. We have seen the system of finding the information on our web site very easily through which people can get any kind of information through our website very quickly when they need it. On the one hand, we have tried to keep our website very simple through which people can find the necessary information very easily. On the other hand our website is a modern technology best website. From our point of view we hope that our website will become popular among people in a very short time.

2.4 challenges

While doing our project we faced many problems. We have put the location access on our website which has forced us to learn a lot of new things. The biggest challenge for us was collecting such a huge amount of data. Also talk to the doctors and brings them to our website, besides talking to the blood donors and collecting their information. Going to any kind of drug store and collecting information about the quality of medicine in their stores and the prices of the medicine was quite chilling with a lot of patience and spending time.

In addition to these, we have come to know and learn many kinds of new things which will help us a lot in our future life.

2.5 scope and problems

We will be able to serve a large part of the country through our website. It is a very big scope for us. And talking about the problem we have to say this because a large part of our country does not use the Internet so they will be deprived of our services. Our website is completely an internet-based website. People are gradually getting to know about the benefits of the internet and more people are coming under the internet. So we can help that someday every person in the corner of the country will have internet and every person can benefit through our website.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 Business Process Modeling

Our project Emergency help does not fall under any business processing modeling because we are not doing any business related work through it. We have tried that people can get services through our website at the time of their need and this is our main goal. We have not put any payment system on our website because people can get service from our website whenever they need.

3.2 Requirement Collection And Analysis

User: Any user can visit our website . There is no need to login to visit our website.

User Contact Process: User can get all the mobile numbers they need from our website. Besides the admin can be contacted through our website because the details of the admin are given on our website .

Admin: Admin have the authority to access everything in this project. Admin can add all the services like doctor, food, medicine, information etc.

User's Message: Our website has a messaging option through which people can write and tell us about their problem.

Location Access: We keep location access for our website . Due to the location access the user can see the services around them very easily and can take services from them.

3.3 Use Case Model And Description

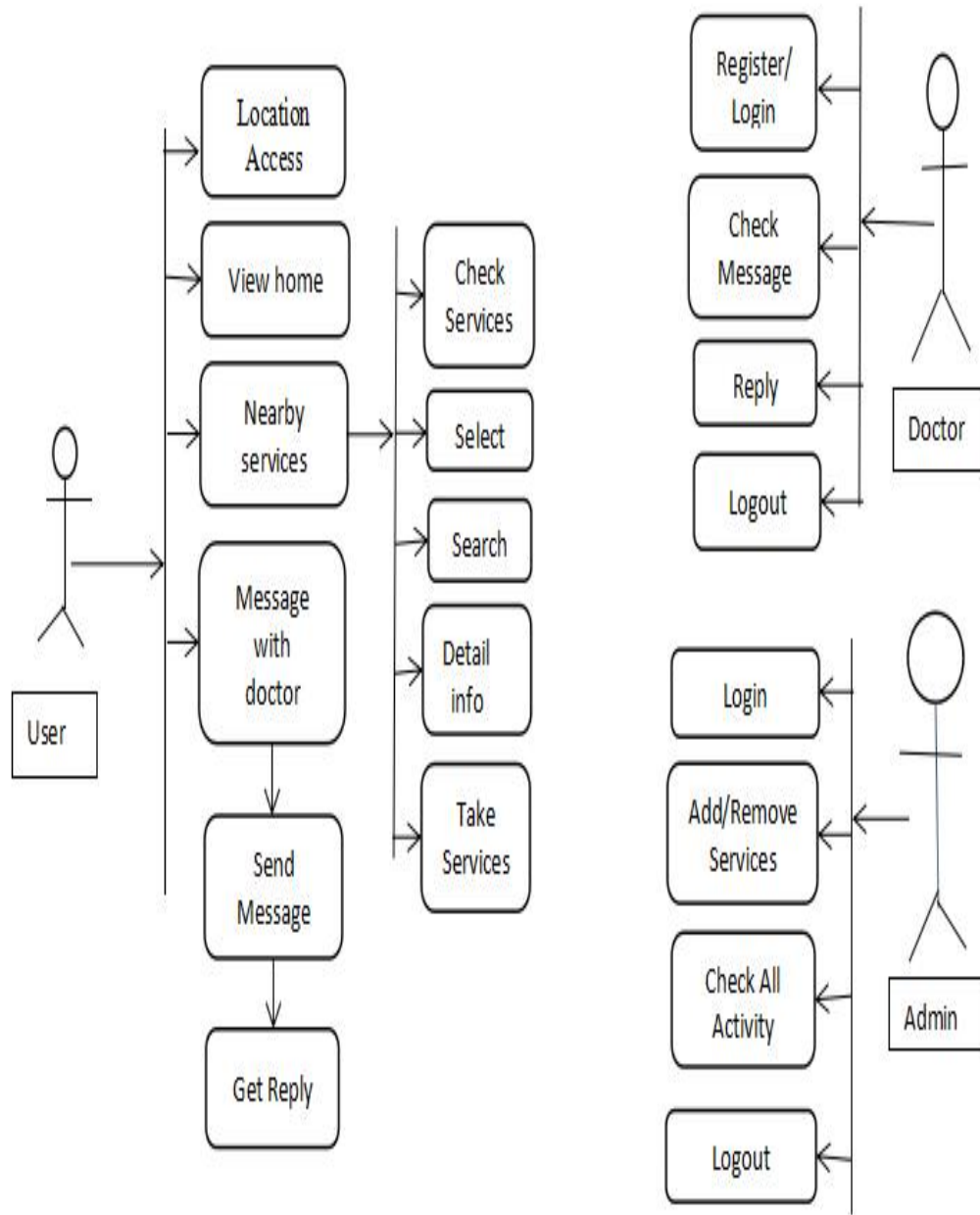


Figure 3.3.1 Use Case Model

Use Case Description

The description of the use case model of website (Figure 3.3.1) will be describe below.
Every attribute of our projects content will be described.

Table 3.1: Use case description of login

Use Case Name	Sign Up
Participate Actor	Admin, Doctor
Scenario/ Description	.Enter Email .Enter Password
Pre- Condition	Null
Post- Condition	Login Successfully or Failed

Table 3.2.1: Use Case Description Of Add Services(Doctor)

Use Case Name	Add Services(Doctor)
Participate Actor	Admin
Scenario/ Description	Add doctor's information to add a doctor. .Choose Doctor's Picture .Enter Name, Email,Address,Phone Number,Specialist,Details. .Enter New Password .Confirm Password
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.2: Use Case Description Of Add Services(Oxyzen)

Use Case Name	Add Services(Doctor)
Participate Actor	Admin
Scenario/ Description	Add all the information about oxyzen. .Enter Quantity, Cost, Contact Number, Location
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.3: Use Case Description Of Add Services(Blood)

Use Case Name	Add Services(Blood)
Participate Actor	Admin
Scenario/ Description	Add all the information about blood donor. .Enter Donor Name, Blood Group, Phone Number, Address.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.4: Use Case Description Of Add Services(Police Station)

Use Case Name	Add Services(Police Station)
Participate Actor	Admin
Scenario/ Description	Add all the information about Police Station. .Enter Police Station Name, Address, Contact.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.5: Use Case Description Of Add Services(Fire Station)

Use Case Name	Add Services(Fire Station)
Participate Actor	Admin
Scenario/ Description	Add all the information about Fire Station. .Enter Fire Station Name, Address, Contact Number.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.6: Use Case Description Of Add Services(Ambulance)

Use Case Name	Add Services(Fire Station)
Participate Actor	Admin
Scenario/ Description	Add all the information . .Enter Driver Name, Address, Contact Number,Ambulance Number
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.7: Use Case Description Of Add Services(Hospital)

Use Case Name	Add Services(Hospital)
Participate Actor	Admin
Scenario/ Description	Add all the information about hospital. .Enter Hospital Name, Address, Contact Number.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.8: Use Case Description Of Add Services(Medicine)

Use Case Name	Add Services(Medicine)
Participate Actor	Admin
Scenario/ Description	Add all the information about medicine. .Enter Medicine Name, Cost, Pharmacy Name, Address, Contact Number.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.9: Use Case Description Of Add Services(Food)

Use Case Name	Add Services(Food)
Participate Actor	Admin
Scenario/ Description	Add all the information about food. .Enter Name, Address, Cost, Contact Number.
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.2.10: Use Case Description Of Add Services(Social Worker List)

Use Case Name	Add Services(Social Worker List)
Participate Actor	Admin
Scenario/ Description	Add all the information about social worker group list. .Enter Group Name, Contact Number, Address, Details
Pre- Condition	Admin must be login the system
Post- Condition	.Click On Submit .Add Successfully or Failed

Table 3.3: Use Case Description Of Remove or Edit Services

Use Case Name	Remove or Edit Services
Participate Actor	Admin
Scenario/ Description	Remove or edit information
Pre- Condition	Admin must be login the system
Post- Condition	Removed or Edited

3.4: Use Case Description Of Doctor Registration

Use Case Name	Doctor Registration
Participate Actor	Doctor
Scenario/ Description	.Enter User Name,Email,Password, Confirm Password
Pre- Condition	The doctor must be open the website's registration page.
Post- Condition	.Click On Registered. .Successfully Registered or Failed.

Table 3.5: Use Case Description Of Message Reply

Use Case Name	Message Reply
Participate Actor	Doctor
Scenario/ Description	.Check Message .Reply Message
Pre- Condition	Doctor must be login the system
Post- Condition	Replied or ignored

Table 3.6: Use Case Description Of User

Use Case Name	User
Participate Actor	User
Scenario/ Description	.Open website .Location access .Able to access all nearby services information .Can search or check .Allow to take service .Can send message for doctor's solution
Pre- Condition	Null
Post- Condition	.Take services or view

Table 3.7: Use Case Description Of Search

Use Case Name	Search
Participate Actor	Admin,Doctor,User
Scenario/ Description	.Go for that service which they need .Search by local area .Search by the name or group
Pre- Condition	Must be go the service which they need
Post- Condition	Found or Not Found

3.4 Logical Data Model:

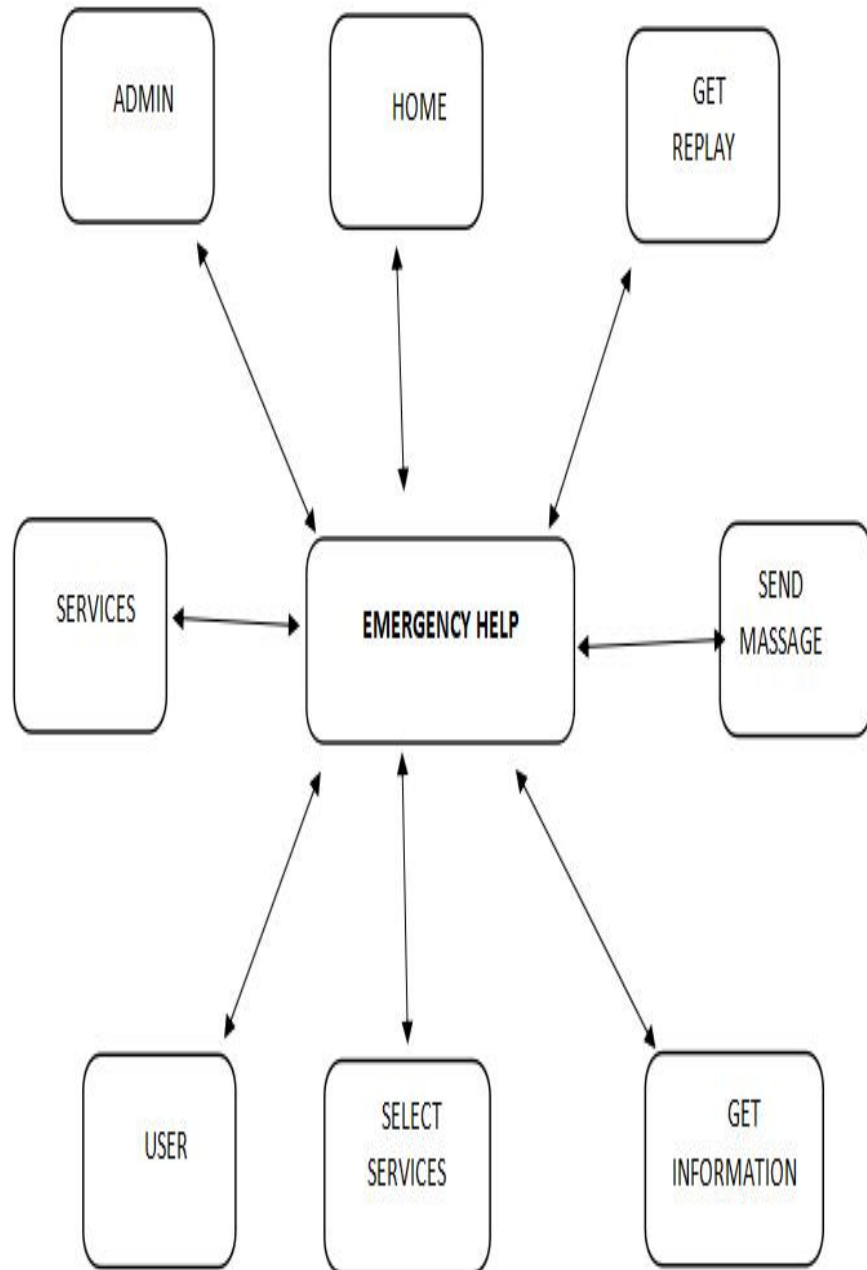


Figure 3.4.1 Logical Data Model

3.5 Design Requirement :

In this website there are three user , such as

- User
- Admin
- Doctor

User: The system will auto access the location and nearby services will be visible. User can check details and get the services like nearby hospital, blood donor, ambulance etc every information. User can text about their problem and the doctor's can replay or give them the solution of that problem.

Admin: In this system admin have all the access . Admin can set everything which is needed. And admin can also add and remove every details.

Doctor: Doctor can register themselves and they can also login by the admin's given password and email which was used admin add the doctors in the system.

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front- end Design

We use Html, Laravel , Bootstrap, CSS for the front-end design.

4.1.1 Home page

In the home page of our website we kept the features of the websites at the right top side which are home, about us, services, how it works, login and registration . And side at the top of left side,it will show the current address of your location after auto access user location.We add the slider in our home page and attached how it works portion bellow by using scroll.

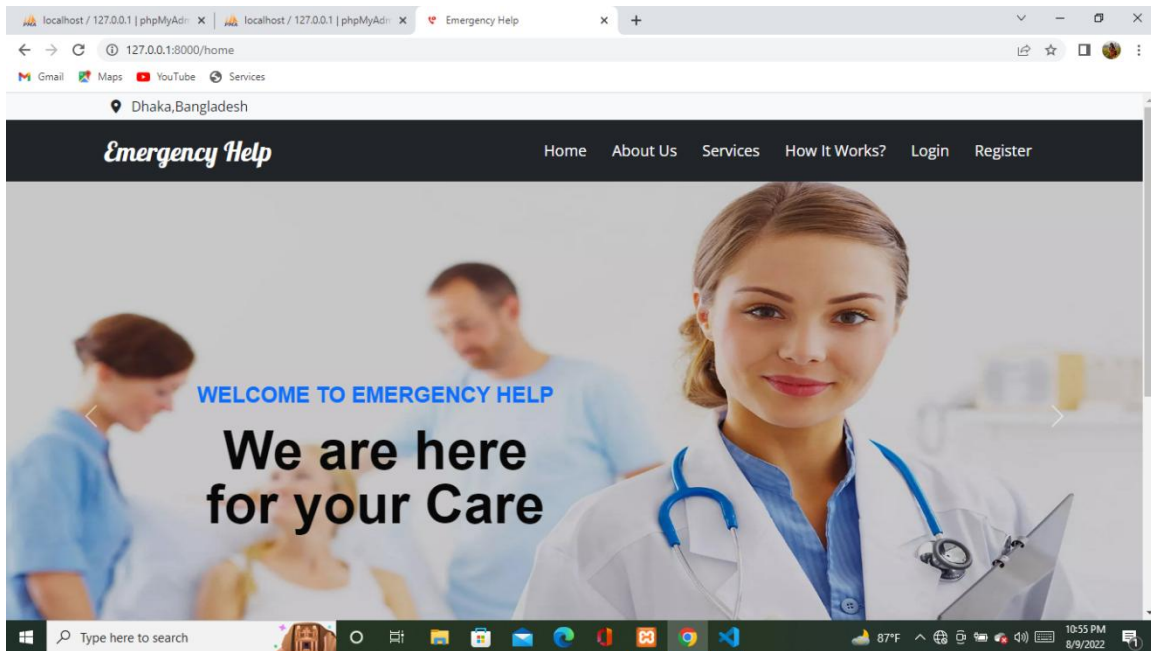


Figure 4.1.1.1 Home page

In this section people can get to know about our nearby services, can choose our needed service for details information.

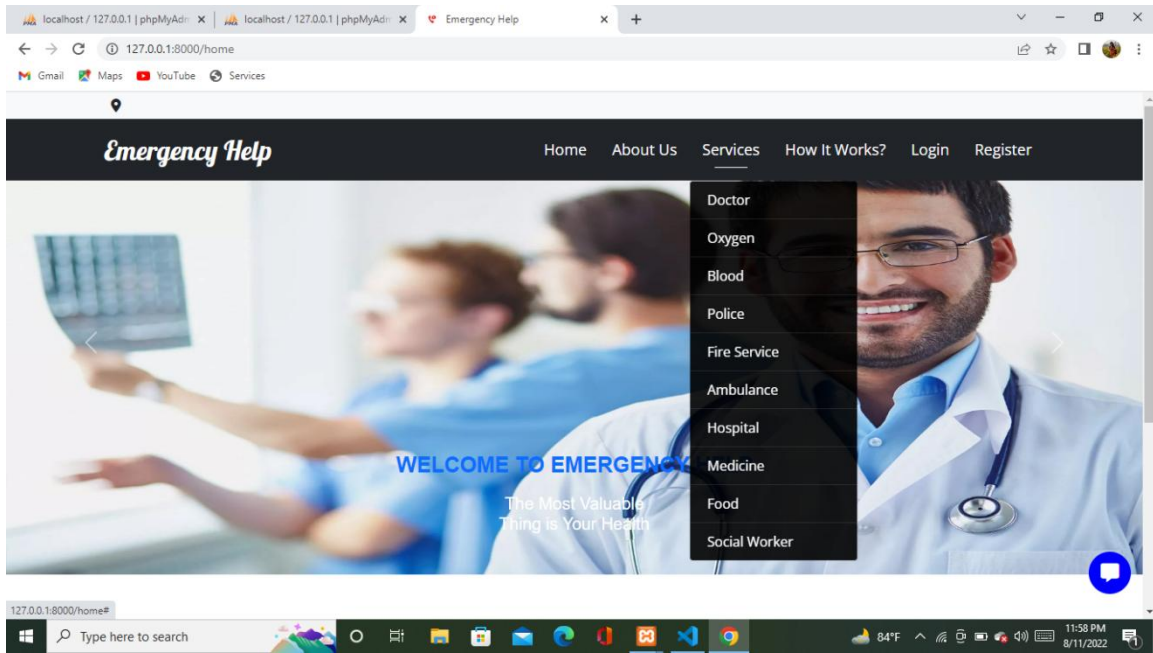


Figure 4.1.1.2 Home Page services

This is our about section. Here we can get the details information of our website, we can also know about services.

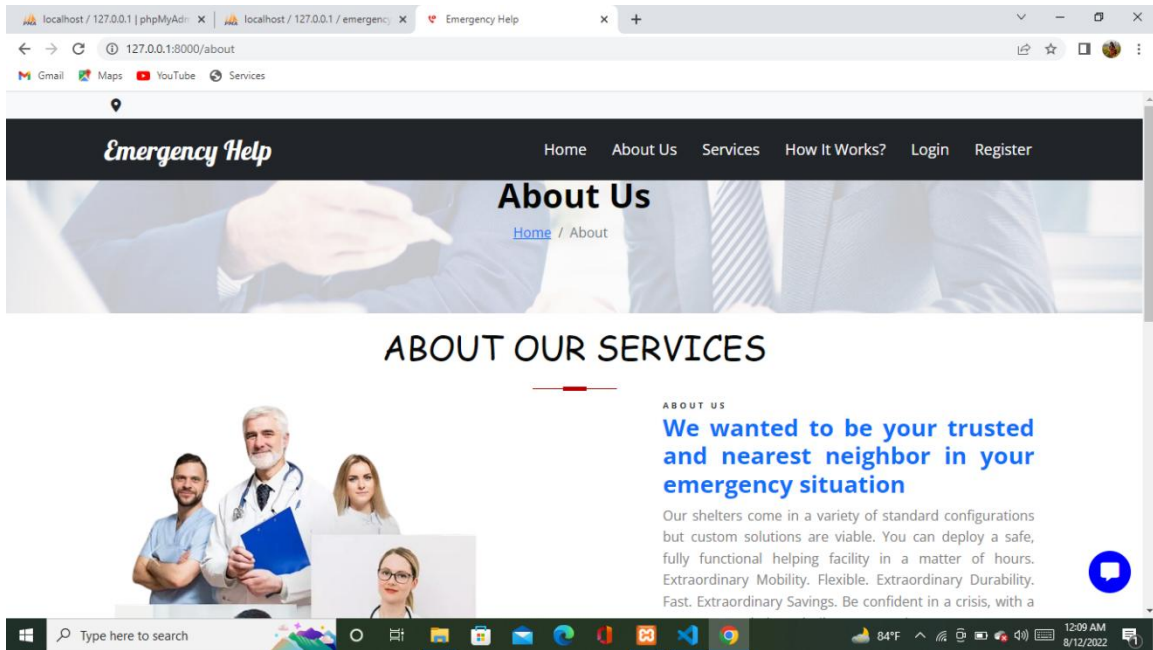


Figure 4.1.1.3 Home Page About

4.1.2 Services page

In our services part we add different kind of services. One of those services is doctor. After choosing the doctors option among all services the doctor list will show like this. We can also search and by clicking the eye it will show the whole information about that doctor.

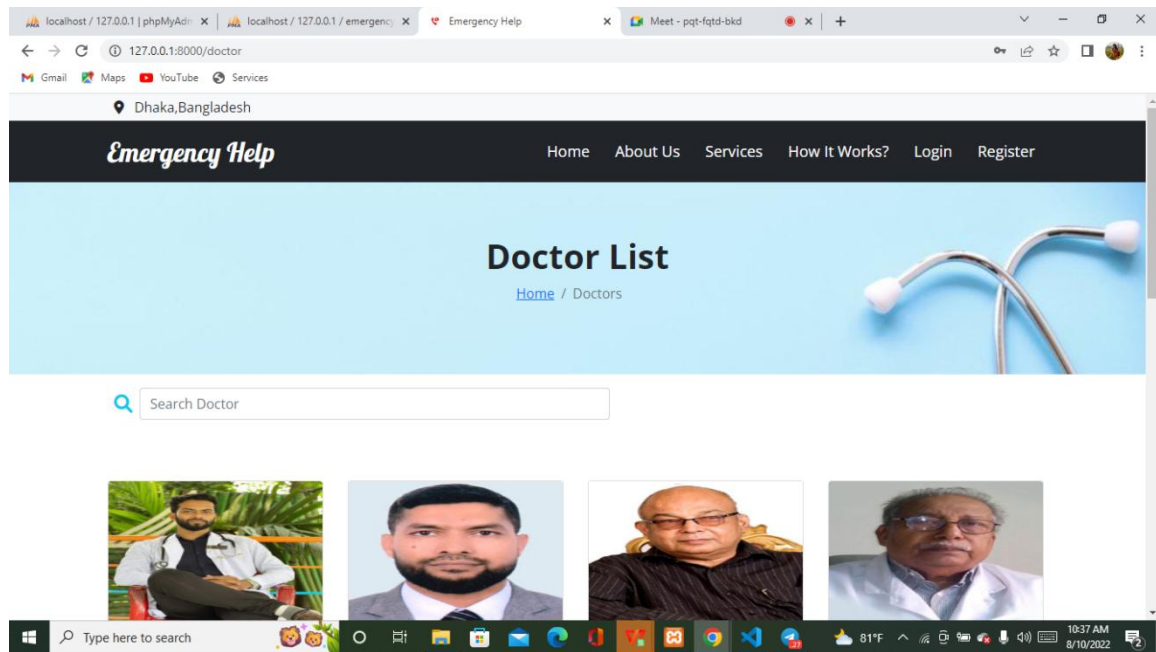


Figure 4.1.2.1 Services Page(Doctor)

This is our blood donor list . From this list we can choose our donor and his/her details.

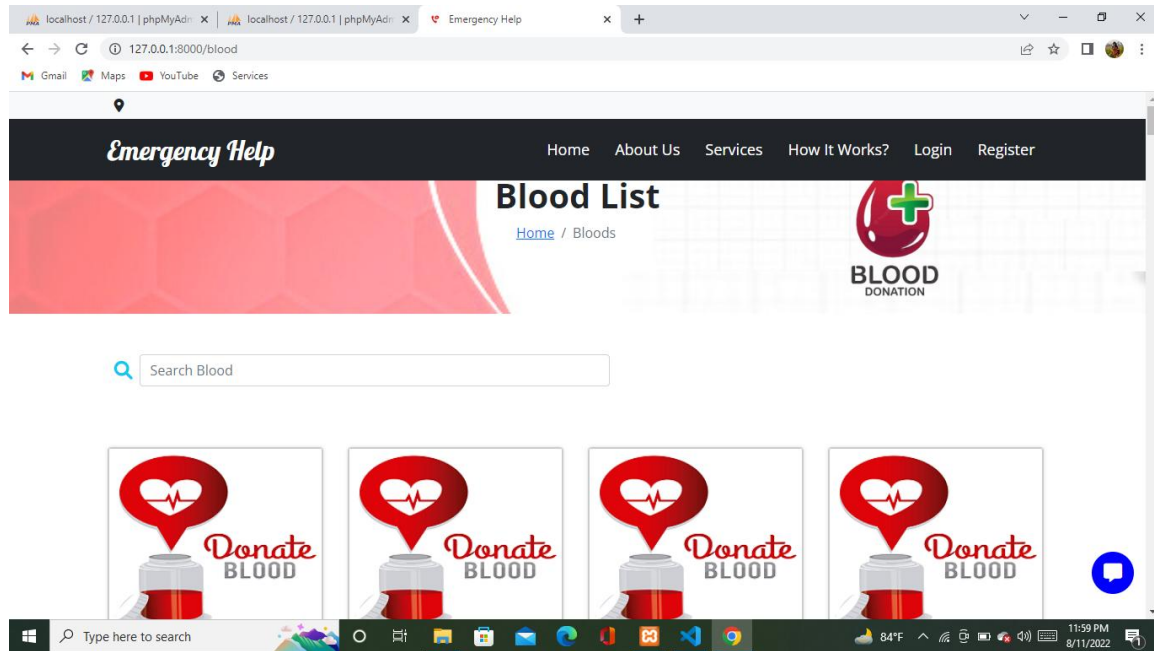
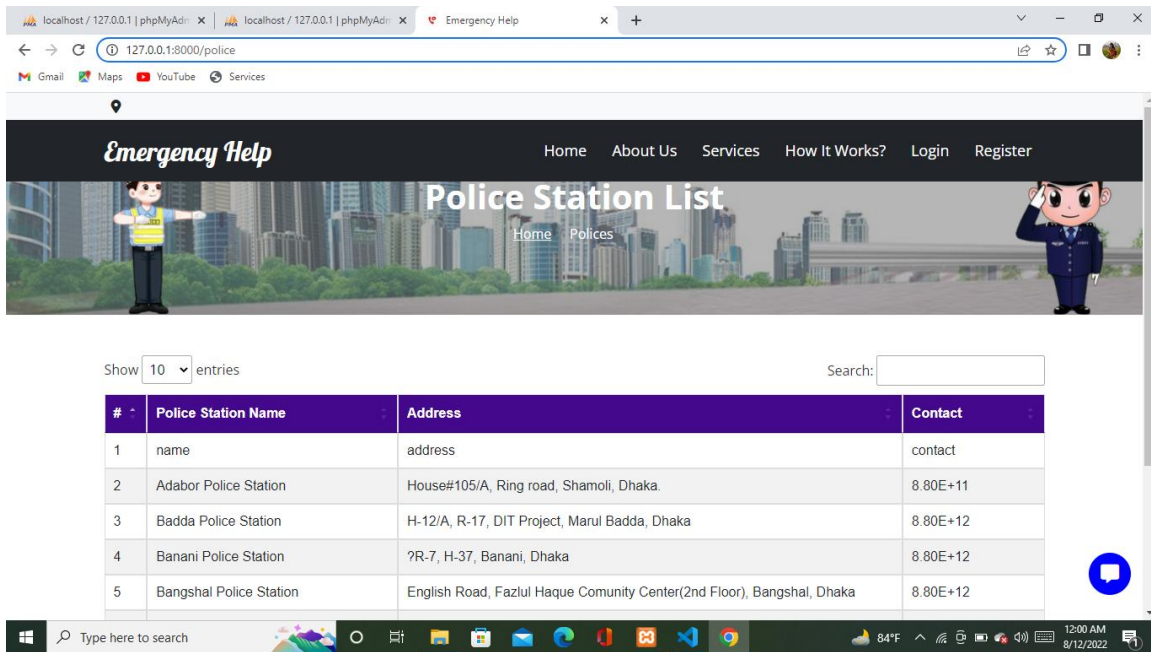


Figure 4.1.2.2 Services Page(Blood Donor)

This is the police station list. From this site we can get our nearest police stations details like the name, contact and address of that police station.



Emergency Help Home About Us Services How It Works? Login Register

Police Station List

Show 10 entries Search:

#	Police Station Name	Address	Contact
1	name	address	contact
2	Adabor Police Station	House#105/A, Ring road, Shamoli, Dhaka.	8.80E+11
3	Badda Police Station	H-12/A, R-17, DIT Project, Marul Badda, Dhaka	8.80E+12
4	Banani Police Station	?R-7, H-37, Banani, Dhaka	8.80E+12
5	Bangshal Police Station	English Road, Fazlul Haque Community Center(2nd Floor), Bangshal, Dhaka	8.80E+12

Figure 4.1.2.3 Services Page(Police Station)

In this fire service list it's also provide us the nearest fire station details.

The screenshot shows the 'Fire Service List' page on the 'Emergency Help' website. The page has a navigation menu with links for Home, About Us, Services, How It Works?, Login, and Register. Below the navigation is a banner with the text 'Fire Service List' and a sub-link 'Home FireServices'. A search bar is located above the table. The table has the following data:

#	Fire Service Station Name	Address	Contact
1	name	address	contact
2	SADARGHAT FIRE SERVICE AND CIVIL DEFENSE STATION	Simson Rd, Sadarghat, Dhaka 1100	701730002214
3	SADARGHAT NODI FIRE SERVICE AND CIVIL DEFENSE STATION	Shyampur	701317370301
4	POSTOGOLA FIRE SERVICE AND CIVIL DEFENSE STATION	?M C Rd, Postogola, Dhaka	701730002216
5	LALBAGH FIRE SERVICE AND CIVIL DEFENSE STATION	22/1 Nur Fattah Lane, Lalbagh, Dhaka 1000	1730002218

Figure 4.1.2.4 Services Page(Fire Station)

This is the nearest hospitals list which provide all the nearest hospital list with details.

The screenshot shows the 'Hospital List' page on the 'Emergency Help' website. The page has a navigation menu with links for Home, About Us, Services, How It Works?, Login, and Register. Below the navigation is a banner with the text 'Hospital List' and a sub-link 'Home / Hospital'. A search bar is located above the table. The table has the following data:

#	Hospital Name	Address	Content
1	name	address	contact
2	Al Anaiet Adhunik Hospital	?House # 36, Road # 3, Dhanmondi, Dhaka, Bangladesh	880-2-8631619
3	Al-Ahsraf General Hospital	House # 12 Road # 21, Sector # 4, Uttara, Dhaka, Bangladesh	?+880-2-8952851-2
4	Al-Barakah Kidney Hospital	?129, New Eskaton Road, Dhaka	+880 2 9350884

Figure 4.1.2.5 Services Page(Hospital)

We can find our nearest ambulance details here with the driver's details also.

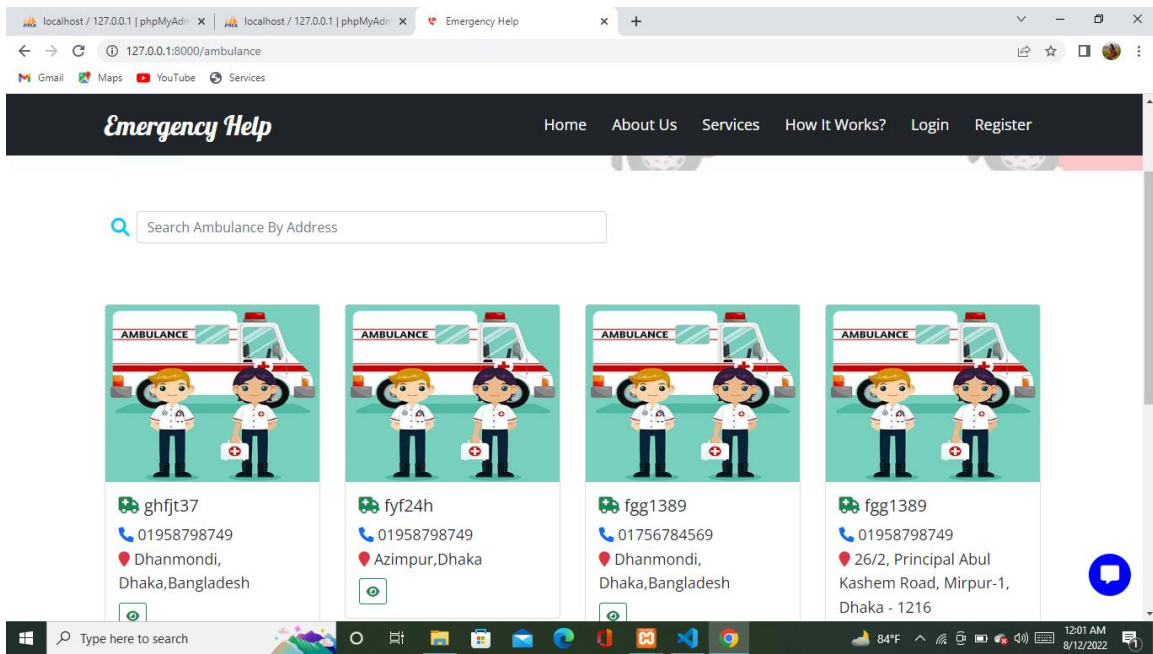


Figure 4.1.2.6 Services Page(Ambulance)

In this medicine section we can find our needed medicine with pharmacy name, cost ,address everything. We can also order medicine by calling them.

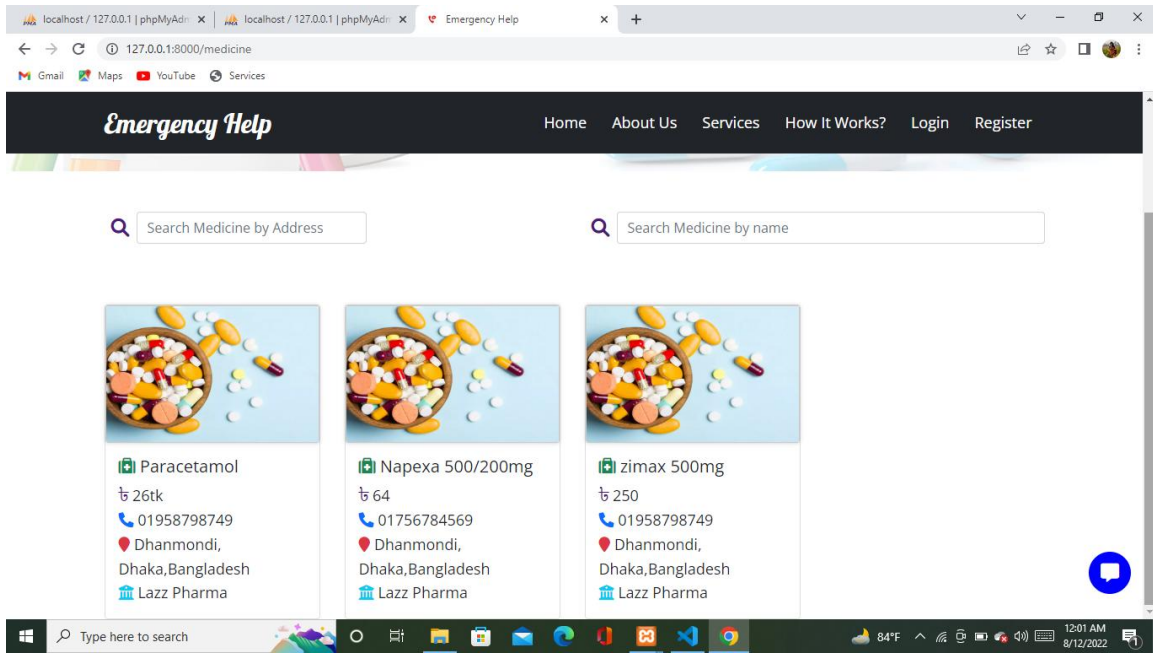


Figure 4.1.2.7 Services Page(Medicine)

After visit our website people can choose services. They can also order food from our website by using the given number,here we mentioned the name with address and cost.

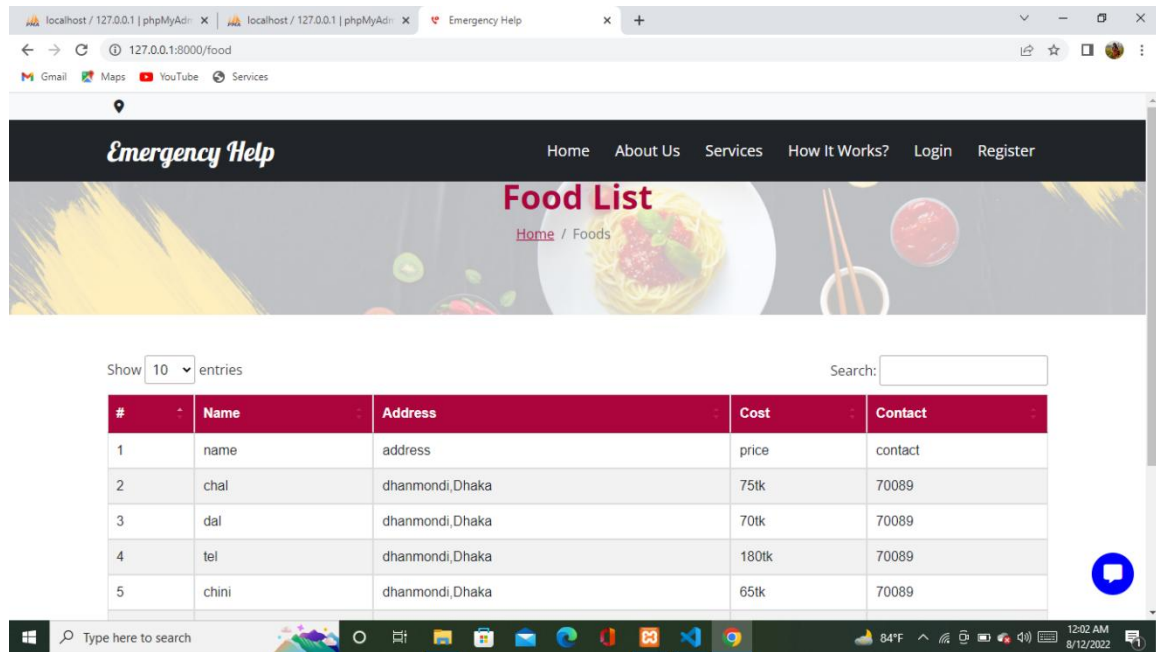


Figure 4.1.2.8 Services Page(Food)

4.1.3 Login page

It is our login page for admin and doctor's. They can login themselves by using their registered email and password.

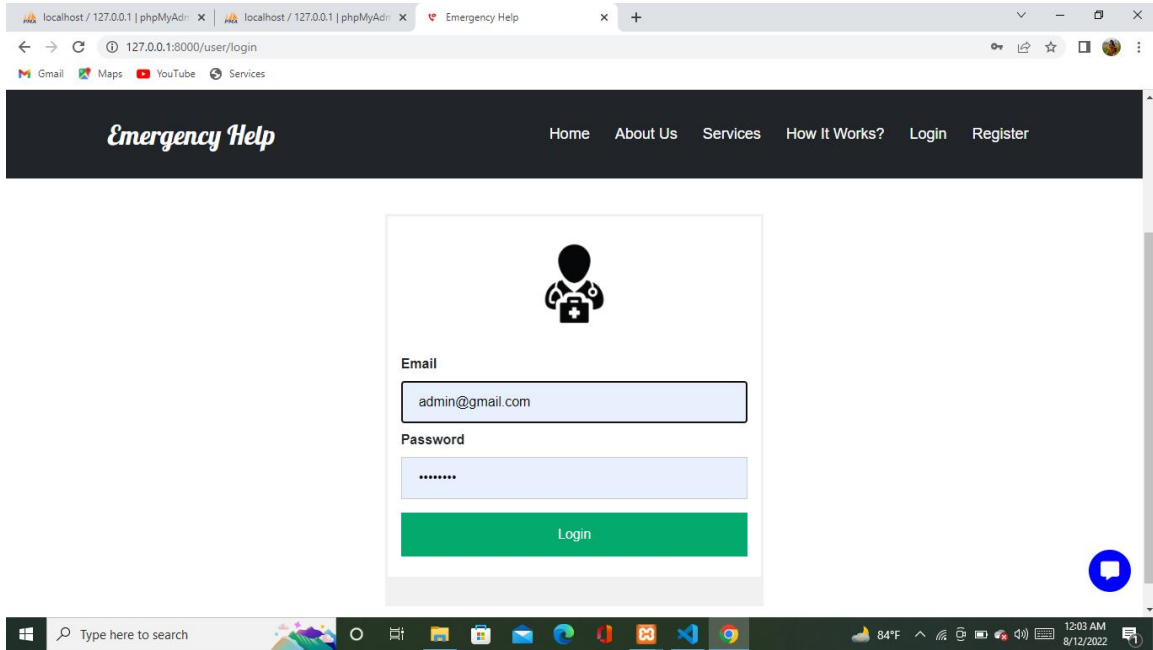


Figure 4.1.3.1 login page

4.1.4 Registration page

It is our registration page. After registration doctor's can login them in this site.

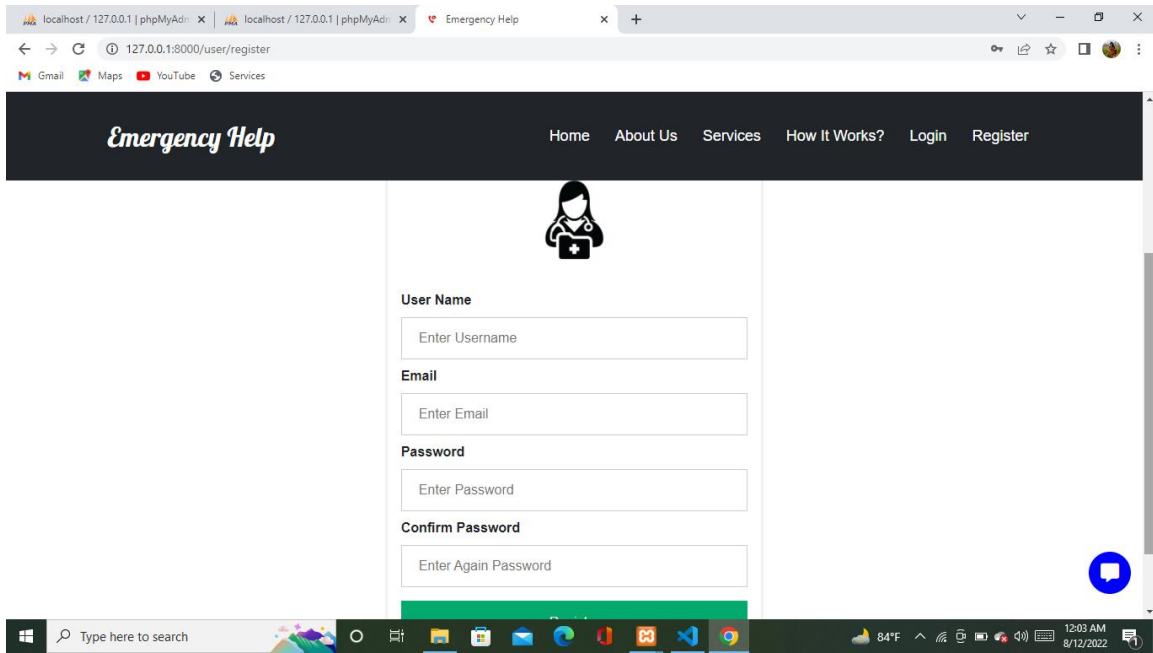


Figure 4.1.4.1 Registration page

4.1.5 Send Message(client to doctor)

This is our message option from where people can chat with doctor's about their problem for doctor's solution. But before chatting they have to give their information like name, phone number and address for authentication. If they use the same information again user can watch the previous conversation but if the information is not known then the system will open a conversation chat box.

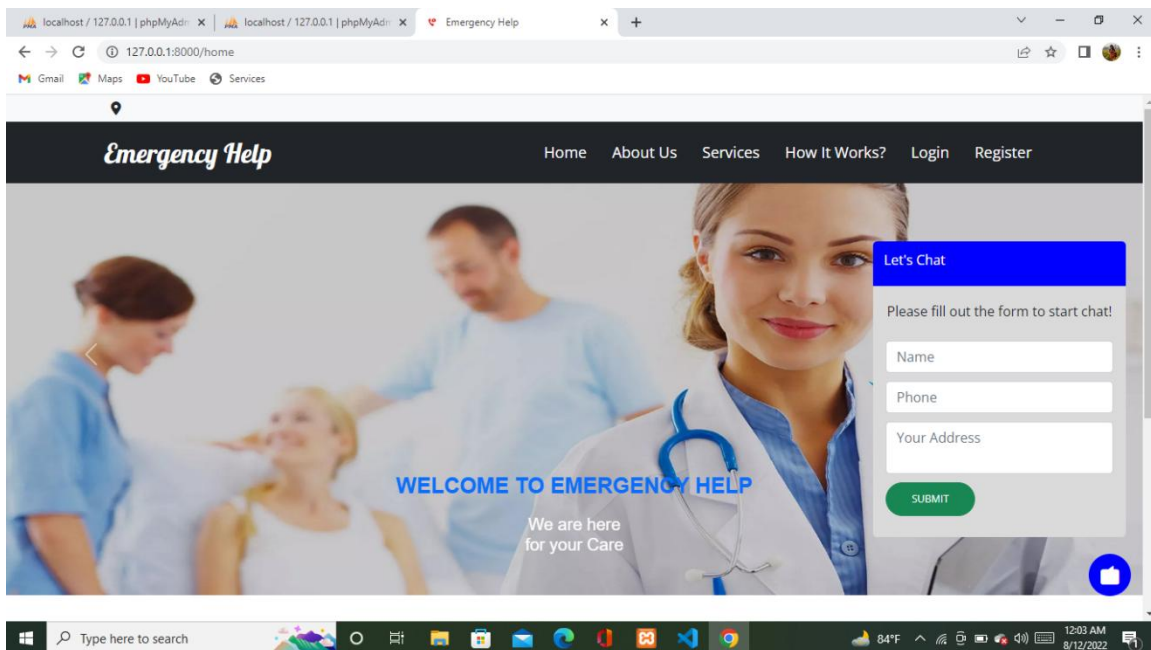


Figure 4.1.5.1 Sending information for open chat box

In this picture we can see that after taking all the information the chat box is opening. It will show a success message such as if the information is known then it will show a message like thanks for come back but if it's not known then it it will welcome the user.

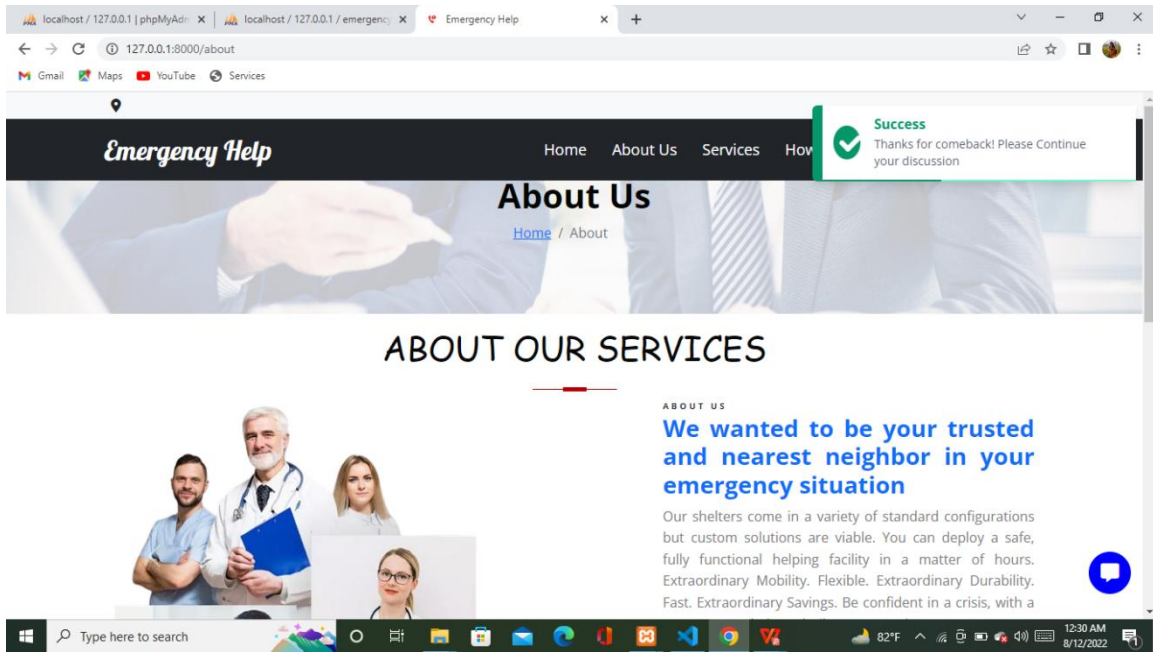


Figure 4.1.5.2 opening chat box

After that message the chat box will be open. If the user is known then show the previous message otherwise open a new one.

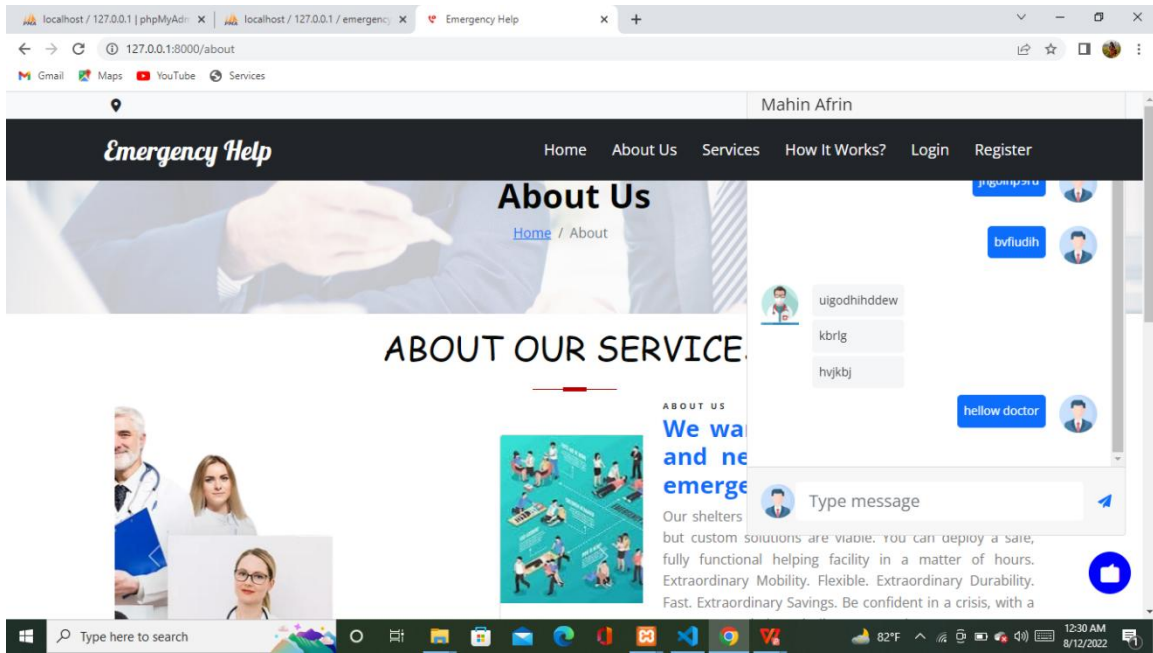


Figure 4.1.5.3 Chat box

4.1.6 Reply Message(Doctor to client)

To give the solution to user doctors must be login the system and after login it'll show like this. And by clicking this name part it will show a message option .

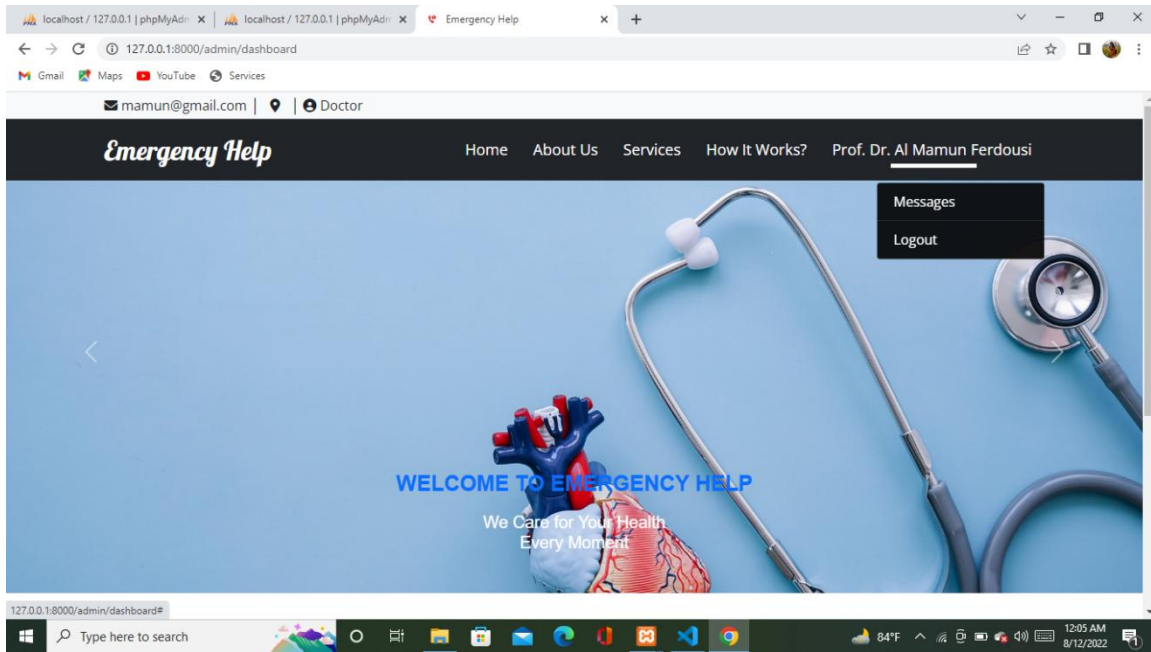


Figure 4.1.6.1 Doctor's Message Option

After clicking the message it'll open the message list and the doctor can choose client for reply.

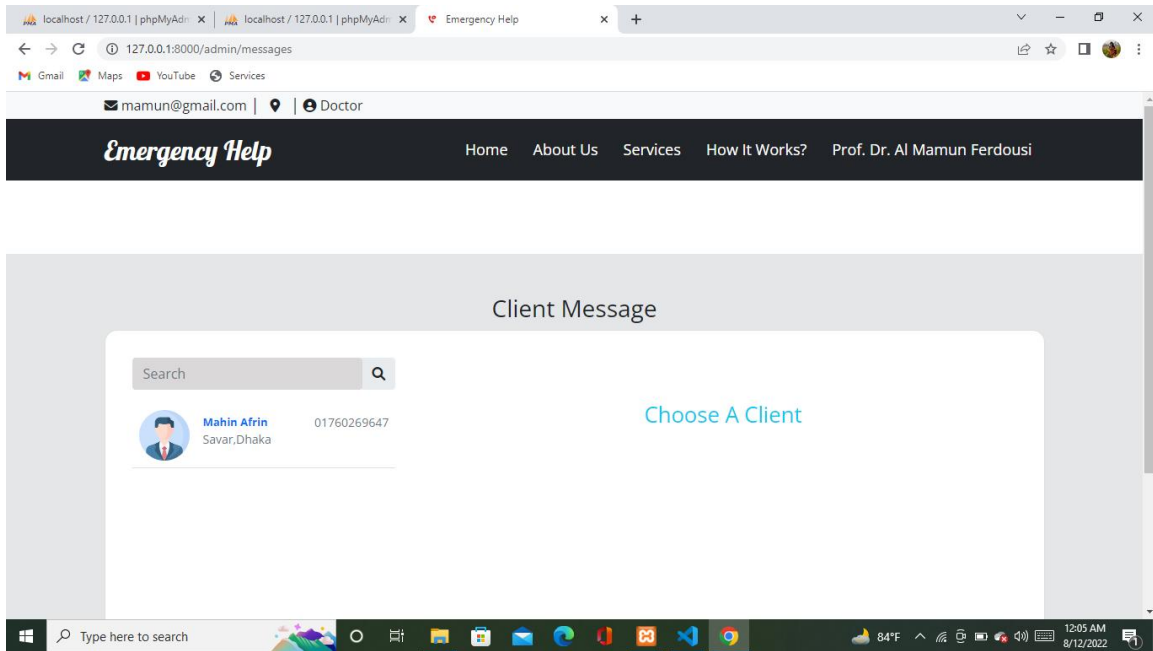


Figure 4.1.6.2 Check Message

After check and choose a client for reply the doctors can reply the message by clicking that client's name it open the conversation .

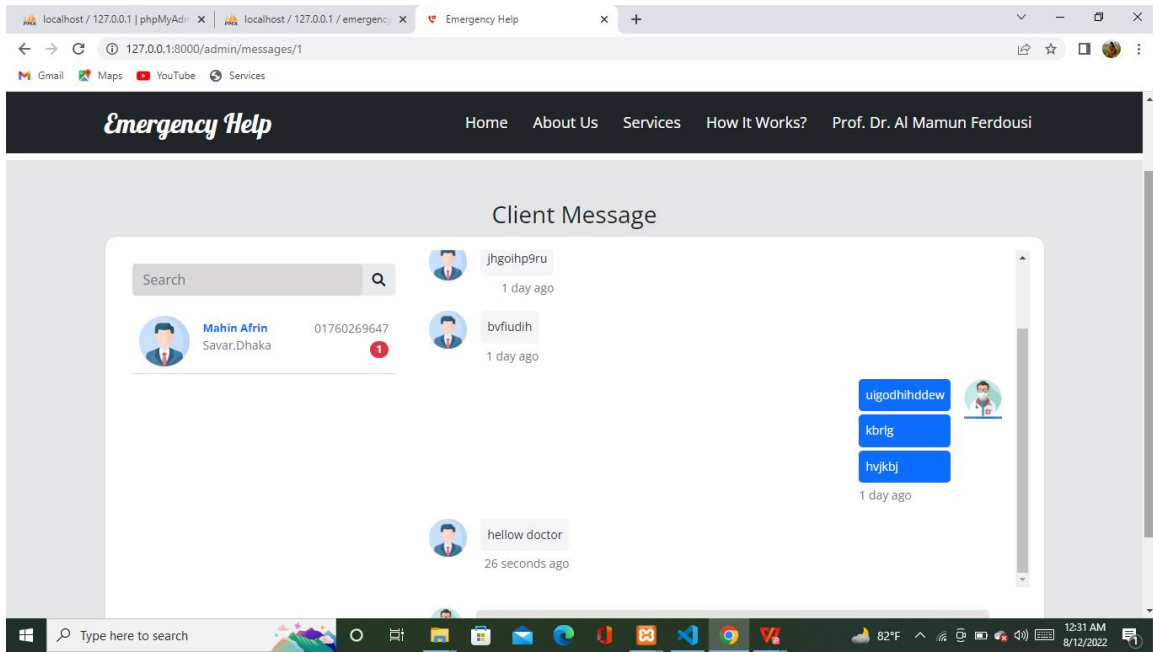


Figure 4.1.6.3 Reply Message

4.2 Back- end Design

For backed we used php, laravel, my sql and jquery. Php helps to connect the database with the system. Laravel is basically a backend framework. Laravel helps to provide many features to make a modern website. Php and mysql is a programming connectivity. As back-end design we use My Sql for database and we have use jquery for creating a static message system for sending the message, reload, receiving many message at a time etc but we design the message option my using laravel.

This is the main database of our website where all the other sections database(doctors,ambulance,police,messages) are stored. It is our main sql file.

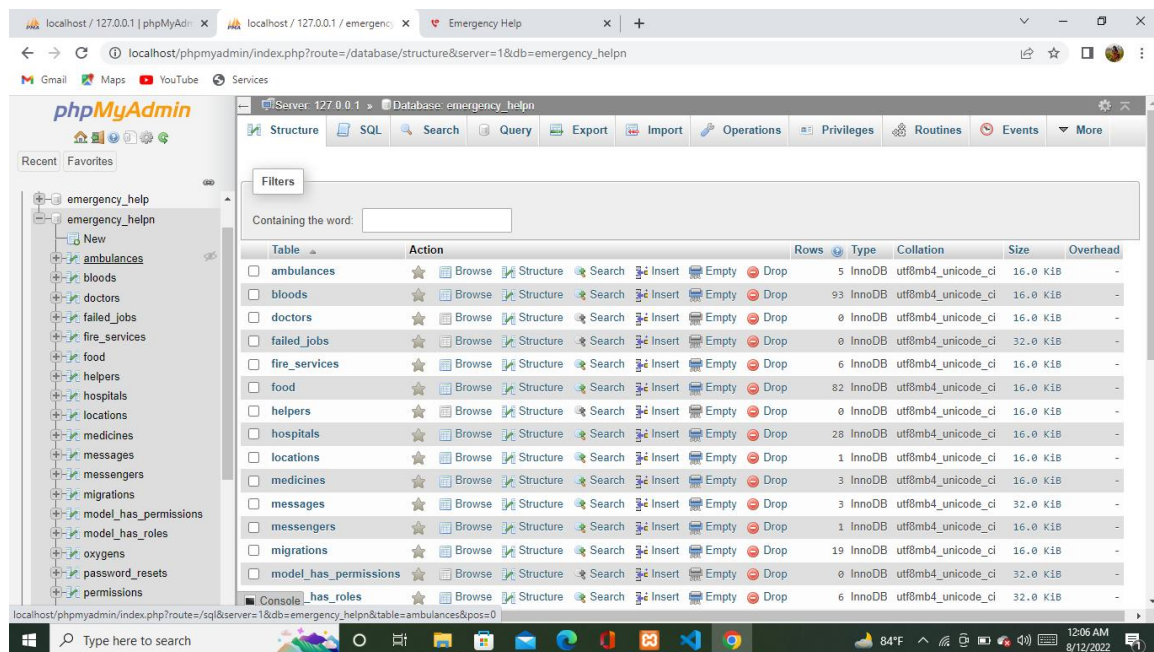


Figure 4.2.1 Database

It is the fire service section of our main sql database file and it is imported as a csv form. We can add,delete,edit,copy data.

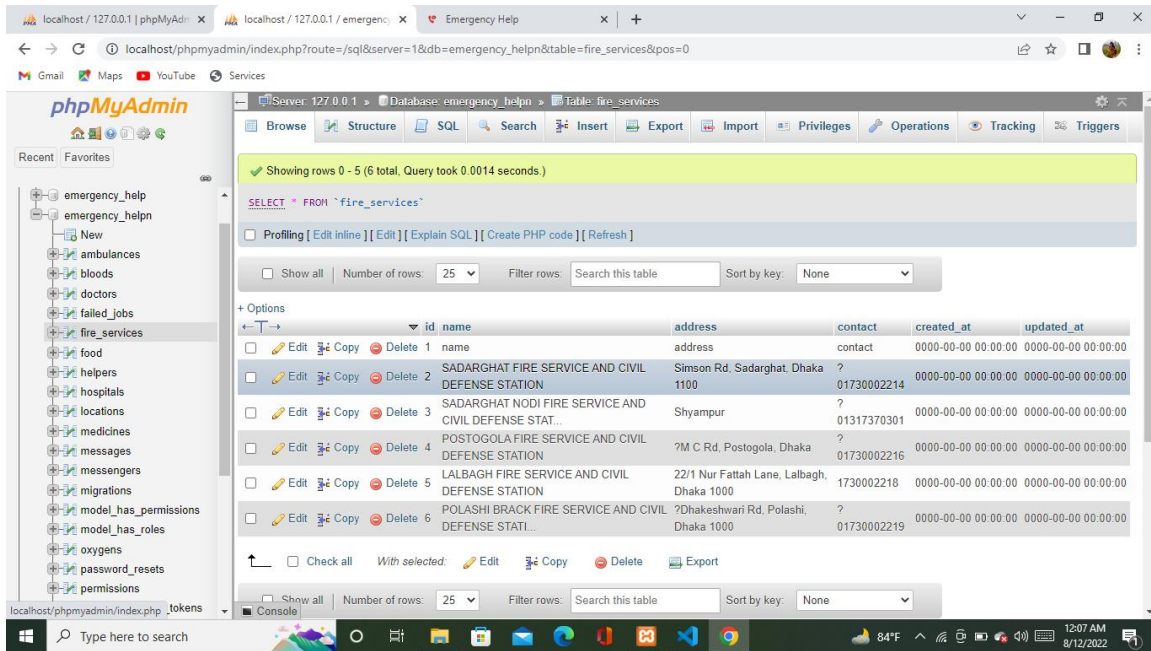


Figure 4.2.2 Database(Fire Service)

It is the message section of our main sql database file. Here all the message history is stored. We can also delete, edit and copy any data from this.

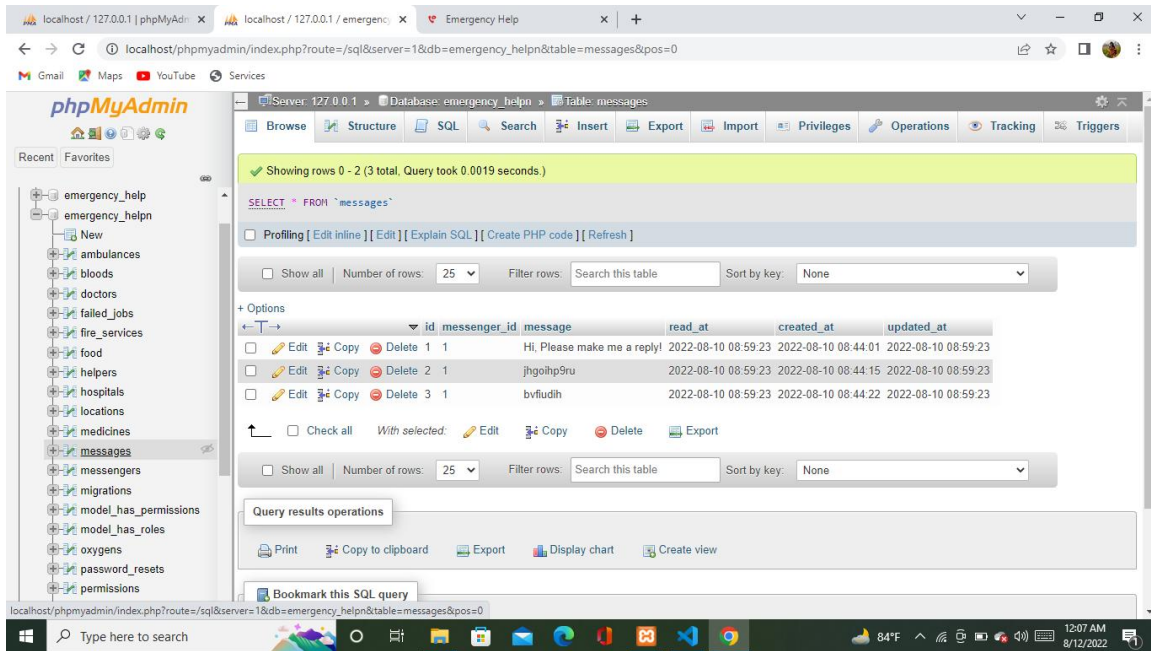


Figure 4.2.3 Database(Message)

This is our oxyzen database where all the information of oxyzen section stored as a csv file form.

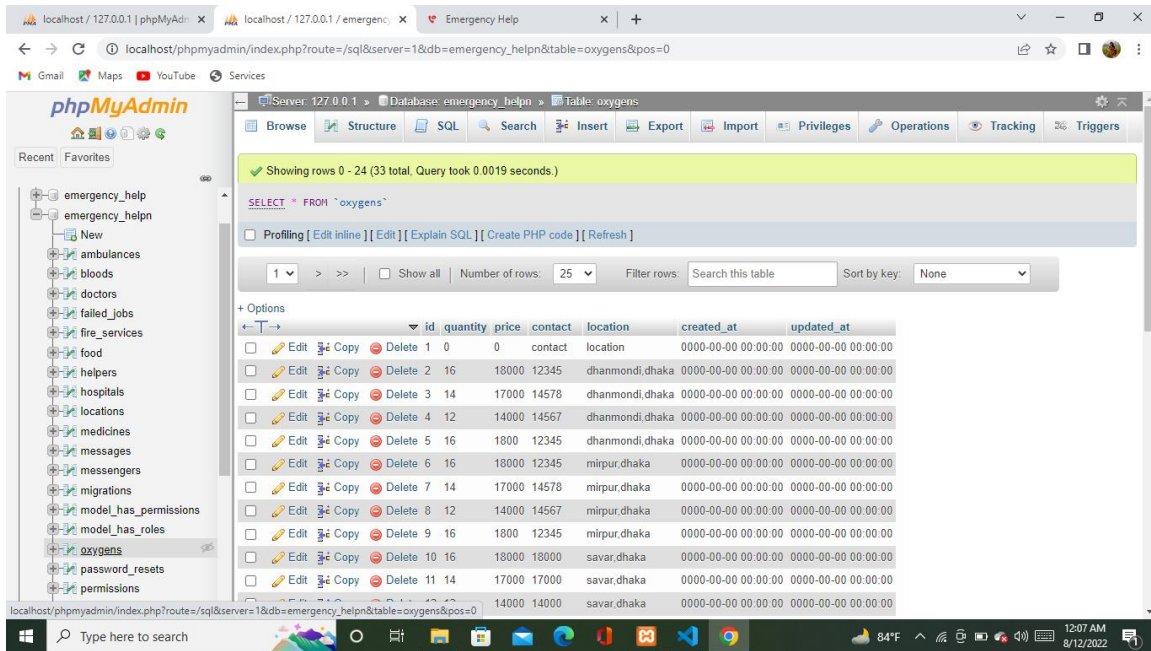


Figure 4.2.4 Database(Oxyzen)

This is our police station database where details information about police station stored as a csv file form.

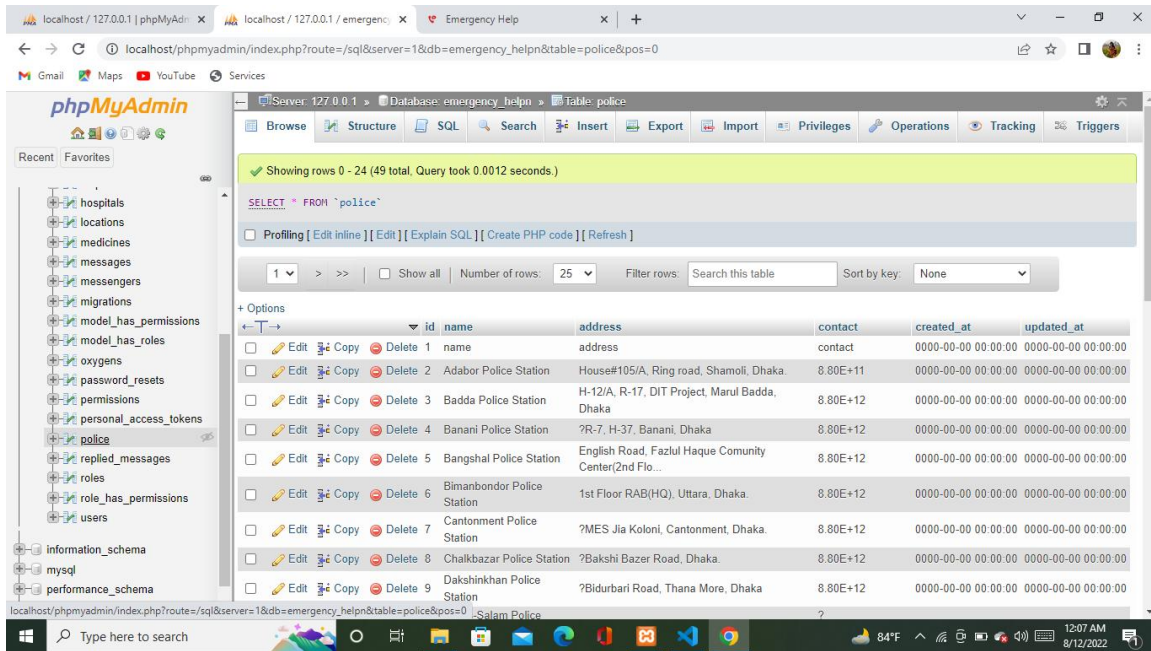


Figure 4.2.5 Database(Police)

4.3 Iteration Design and User Experience (UX)

We created a website which is an emergency based website “Emergency Help”.

This project gives us a positive encourage for all the time to help people in their crucial time. We tried to fulfill all the emergency based feature . So, we are hoping a very positive response from our user. They will be very satisfied and get the desire user experience .

4.4 Implementation requirements

To create a website many things needed. For our website we used HTML, laravel, php, css to design the front-end. We designed our website by the help of html and css. Some of the colour we customised for then system. Besides this we also used the php, laravel, jquery, my sql for the back end work. Our location have a location access. For this location access people can easily search their nearby services. For the location access we used geo location. Combining all these our website is complete. In every time we tried our label best to make our website more advance efficient.

CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation of Database

At first we have to make sure that all the component are properly installed in our computer. We used HTML, CSS, datatable, Jquery , php , Laravel etc. Beside this we also used geo location for access the location .

We used Jquery for various data collection , website'sresponse and various animation. We used Laravel's spatie option to see if admin or doctor is logged in. for roll and permission we used laravel's cdar database option.

5.2Implementation of front-end

At first we have to select what kind of programming language we used for our website.

HTML

HTML is a language that we used to development a website. It is also called as hypertext language.HTML helps the server for the server's layout, webpage brouse,webpage activate etc.

Bootstrap

When we turn on the computer the computer system is also turn on the bootstrap. Bootstrap helps to load file in to memory, locate various operating system. For the font-end we used bootstrap

CSS

It is a programing language. The full from of css is Cascading style sheet. We basically used css to design our website more beautifully. Css used for design, colour, background etc. We also customized colour and design in css.

5.3 Testing Implementation

In this part we have to check our website is this properly work or not. We have tried to make our website without any bug. In this part we checked all the individual part of our website. Besides this we also checked that if the location access of our website is properly working or not. We checked the location access from different palaces. We also crossed checked all the information that we have provide in our website.

At first we have to find out all the errors . Then we have to identify if there is any Defect. In this testing part we saw that our website or our system is properly working or not. In this testing part all the testing result must be pass. If any of the testing result us fail then our website will be not properly working.

■ login

In our website there will be no need to login every one for seeing the services.

■ Registration

In our system doctor can register themselves for giving advice to thr patient.

■ Admin login

Admin have all the access so admin can login in all the section. Admin can add services, add doctor, check massage etc. Admin can also delete information if he want.

5.4 Test Results and Reports

Table 5.4.1 Test results and reports

Test Case	Test Inputs	Expected Outcome	Obtained Outcome	Pass/ Fail
Location Access	Location access by all the users (Admin,Doctor,user) Via IP address	Track user current location and show that	Location successfully accessed	pass
View whole website	View whole website by all the users (Admin,Doctor,user)	View whole Website properly	Viewed	Pass
View nearest Services with Service details	View nearest Services with Service details by access users Location	View nearest Services with Service details	Viewed	Pass
Search	Search Services by Location and name	Search option worked perfectly	Search option worked perfectly	Pass
Send Message	Send Message by users	Message Send	Message Send	Pass
Get reply	Get reply by doctor	Get reply	Get reply	Pass
Admin login	Admin login by admin email password	Successfully log in	Successfully log in	Pass
Add or remove information	Add or remove Information by admin	Added or removed	Added or removed	Pass
Testing or check all the activity	Testing or check all the activity by admin	Tested or checked	Tested or checked	Pass
Doctor registration/login	Doctor registration/login by doctor	Successfully register/login	Successfully register/login	Pass
Give reply	Give reply by doctor	replied	replied	Pass
Logout	Logout by user	Successfully logout	Successfully logout	Pass

CHAPTER 6

Impact on Society, Environment and Sustainability

6.1 Impact on Society

We can confidently say that it can make a huge impact on our society and the most important thing is all are positive. We also believe that our society people will get huge help from this work. as we have mentioned before that our project is an emergency based perfect people seek for help in their crucial time, our country is now developed but in our emergency situation we need to be worried, we need to run here and there for help but by using this website people will get proper help in time. If people need any doctor, any ambulance, medicine anything they can get help by using our website. So that it will bring a good impact and can build a tension-free society for us.

6.2 Impact on Environment

Our work is web-based. It's a website to help people. We made it to help people. They need any kind of help. It's a medical-based website. Mainly we are providing medical help like doctors, ambulances, medicine, etc . So that we have all the positive side in our society. It's a fully useful website, it does not have any harmful failure. It does not have a bad effect on the environment.

6.3 Ethical Aspects

Now the country is technology based. We can solve every problem by using the internet. We tried to make people get help when they need any kind of help suppose there is an emergency a patient needs an emergency doctor at a very crucial time so he/she can contact a doctor through our website or a lady is going through a labor pain she needs to go to the hospital for need an emergency ambulance or an accident happened help is very needed in this situation they can call ambulance contact to a person for blood etc. From the above reason, we can understand how need to full this website is for us. People can

all type emergency help through our website by accessing their location. People's tension in an emergency situation will be solved. We are providing people with authentic information so that they don't get bothered. We want to help be always there for help people.

6.4 Sustainability Plan

Our future plan for this website is we will add some other features and improve our database so that it can be sustainable. We have a huge plan for this project. We will love to work with this project in future. we will try to give more services and help people in future.

CHAPTER 7

Conclusion and Future Scope

7.1 Discussion And Conclusion

In this conclusion part we are trying to give a best system to the people for helping them in their crucial moments. We tried to keep our system easy so that people can easily use our website. We tried our label best to keep more information in our system. The main propose of our system is helping the people. For this reason there will be no payment option to get help in our system. People can easily used our website without any cost.

Here in our website we tried to use authentic information from different sources. Here is many contact number and many details of many doctors,so that people can get any kind of medical help from many specialist doctor. Besides this here is many blood doners details they are ready anytime to donate their blood to save someone's life. Here is also a massaging option which is for the people who need help from the doctors. Here is some ambulance number too,for authentication we also provide the ambulance number and drivers phone number. In our website we also provide food item. People cal also order food from our website. Medicine is most important for saving some ones life people can also get many medicine from our website. So we can say that the main perpous of our website to helping the people in their emergency time.

7.2 Scope For The future Development

- For the future scope we want to add more features which will come very soon.
- We will update our features day by day for a better user experience.
- The new features will be added based on user's need, situation and user's feedback.
- User can rate all the services.
- We will also add a rating system for understand user's experience, their feedback.
- Our first tried will be the location access.
- Now our website shows the location by district but in future we want to set the specific locations access for our system.
- The website will have to all needed information of every corner of Bangladesh.
- We will consider security as a major part to be improved.
- Our security system will be more updated and strong for all users.
- More security steps will be taken.
- If we realize any need we will implement we will implement the system by the new user interface.
- The website will be updated all time with current information.
- We will increase the information or add new information.
- The website design and other system will be changed if any change is need or by necessary .
- Artificial intelligence enhancement will be implement to make the system fast durable.
- We will add a chatboot or auto messaging system.
- We are planning to add direct call and messaging system for the user so that they can directly call and message via this website.
- User can directly order from our website.
- For direct order process we will also add a payment method.
- We will also develop a android application version for this website later.

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