

**WEB BASED PLATFORM FOR ANIMALS/ PETS LOVER
: ANIMAL NETWORK**

BY

AFROZA AKTER

ID: 181-15-10747

AND

SHARIFUL HAQUE

ID: 181-15-10787

AND

MD.RABIUL ISLAM

ID: 181-15-11007

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

Supervised By

Mr. Narayan Ranjan Chakraborty

Assistant professor

Department of CSE

Daffodil International University

Co-Supervised By

Most. Hasna Hena

Assistant professor

Department of CSE

Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project/internship titled “**WEB BASED PLATFORM FOR ANIMALS/ PETS LOVER: ANIMAL NETWORK**”. Submitted by Afroza Akter, ID No: 181-15-10747, Shariful Haque, ID No: 181-15-10787 and Md. Rabiul Islam ID No: 181-15-11007 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 3 January, 2022.

BOARD OF EXAMINERS



Chairman

Dr. S.M Aminul Haque
Associate Professor and Associate Head
Department of Computer Science and
Engineering
Faculty of Science & Information Technology
Daffodil International University



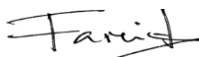
Internal Examiner

Naznin Sultana
Assistant Professor
Department of Computer Science and
Engineering
Faculty of Science & Information Technology
Daffodil International University



Internal Examiner

Raja Tariqul Hasan Tusher
Senior Lecturer
Department of Computer Science and
Engineering
Faculty of Science & Information Technology
Daffodil International University



External Examiner

Dr. Dewan Md. Farid
Professor
Department of Computer Science and
Engineering
United International University

DECLARATION

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.

Supervised by:



Name: Mr. Narayan Ranjan Chakraborty
Assistant Professor
Department of CSE
Daffodil International University

Submitted by:



Name: Afroza Akter
ID: 181-15-10747
Department of CSE
Daffodil International University



Name: Shariful Haque
ID: 181-15-10787
Department of CSE
Daffodil International University

Rabiul

Name: Rabiul Islam
ID: 181-15-11007
Department of CSE
Daffodil International University

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Finally, we must acknowledge with due respect the constant support and patients of our parents

ABSTRACT

This project is about a web-based pets/animal's site. People who love animals or have their own pets are the target users of this project. This project has been done with the intention of creating a common platform for connecting all the people who have love or soft feelings for animals in their heart. Not only in our country, almost all over the world there are so many people who have no feelings for animals, they treat animals so badly and sometimes they even kill animals without any reason, most of the case this kind of people don't know the importance of animal. On the other hand, people who love animals always want to protect animals around them. We will try to encourage those users to work together to make this world a better and safer place for each and every animal with whom we are sharing this world. Our website "Animal Network" is built just to give that kind of platform to our users. Besides this we have some more features in our website like sharing moments with pets/animals, adopting or selling/buying pets, can talk to our doctors etc. After all this project is developed with a view to give our users a smooth and secure user experience.

TABLE OF CONTENTS

CONTENTS	PAGE
Board of examiners	ii
Declaration	iii
Acknowledgements	iv
Abstract	v
List of Figures	ix
CHAPTER	
Chapter 1: Introduction	1-3
1.1 Introduction	1
1.2 Motivation	1
1.3 Objectives	2
1.4 Expected Outcomes	2
1.5 Project Management and Finance	2
1.6 Report Layout	3
Chapter 2: Background	4-5
2.1 Preliminaries/Terminologies	4
2.2 Related Works	4
2.3 Comparative Analysis	4
2.4 Scope of the Problem	4
2.5 Challenges	5

Chapter 3: Requirement Specification	6-10
3.1 Business Process Modeling	6
3.2 Use Case Modeling and Description	7
3.3 Design Requirement	8
3.4 Logical Data Model	9
3.5 Requirement Collection and Analysis	9
Chapter 4: Design Specification	11
4.1 Front-end Design	11
4.2 Back-end Design	11
4.3 Interaction Design and User Experience (UX)	11
4.4 Implementation Requirements	11
Chapter 5: Implementation and Testing	12-25
5.1 Implementation of Database	12
5.2 Implementation of Front-end Design	13
5.3 Testing Implementation	24
5.4 Test Results and Reports	25
Chapter 6: Impact on Society, Environment and Sustainability	26-27
6.1 Impact on Society	26
6.2 Impact on Environment	26
6.3 Ethical Aspects	26
6.4 Sustainability Plan	27

Chapter 7: Conclusion and Future Scope	28
7.1 Discussion and Conclusion	28
7.2 Scope for Further Developments	28
APPENDIX	29
REFERENCES	30

LIST OF FIGURES

FIGURES	PAGE
Figure 3.1: Business Process Modeling.	6
Figure 3.2: Use Case Modeling.	7
Figure 3.3: Logical Data Model.	9
Figure 5.1: Database Implementation Model.	13
Figure 5.2: Landing page.	13
Figure 5.3: Sign Up Form.	14
Figure 5.4: Login Form.	14
Figure 5.5: Home Page.	15
Figure 5.6: Users Profile.	16
Figure 5.7: Users Profile update form.	16
Figure 5.8: Shop Page.	17
Figure 5.9: Create ads for adaptation pets from.	17
Figure 5.10: Ads details page.	18
Figure 5.11: Create ads for selling pet's form.	18
Figure 5.12: Helpline page.	19
Figure 5.13: Doctors Details Modal.	19
Figure 5.14: User-Doctor Chat Box	20
Figure 5.15: Pets/animal related tips page.	20
Figure 5.16: Support Us page	21
Figure 5.17: About Us page.	21

Figure 5.18: Contact Us page.	22
Figure 5.19: Admin Dashboard.	22
Figure 5.20: Doctors Login Form.	23
Figure 5.21: Doctors Profile Page.	23
Figure 5.22: Doctor- User Chat box.	24

CHAPTER 1

INTRODUCTION

1.1 Introduction

'If animals could talk, they'd talk about us!' [1]. Animals are abolished but they also have feelings and the right to live. We humans share the same world with all other animals around us. But we don't give them the right to live a safe and free life. But we never think that our existence is totally interconnected to their existence. So, if we want to save our existence it's our responsibility to ensure a secure environment for them so that they can live a safe life too.

To create awareness among people about this, we have decided to make a website and our motto is "Save Animal, Save World". We know that everyone doesn't like animals but those people who have pets in their home or want to have a pet have a soft corner for animals in their heart. So, it's our plan to connect all the animal lovers using a common platform.

Our website includes some features like getting doctors consultation about different types of animal related problems, a shop for buying and selling pets, some pet related problem's solutions and tips, and sharing wonderful moments with pets. All of this for connecting all animal lovers around the world.

1.2 Motivation

We got the inspiration for this project from our real-life scenario. If you open social media or news channels you will see the news of killing animals here and there. Nowadays it's become a very common issue. Those people who kill animals, among them very few are aware about the importance of animals in human life as well as in the environment. So, it is very necessary for us to make them aware about this. Here we have tried to create a platform where our animal lover users will work together to make others aware about how important animals are for us as well as for the world. Besides this there are a lot of people who loves animals even many of them has pets in their house. They face a lot of problems related to their pets and our website will give them a platform to get help according to their problems. Moreover, those who want to buy/sales pets will get the opportunity to do so in our website.

1.3 Objectives

The main objective of this project is to build a website where all animals loving people or whoever owns pets can join together using a common platform and work for the safety of animals around us. On the other hand, can find solutions to any problem related to their pet from our doctors and consultants. At the same time, they can share beautiful moments with their pets with a community and also be able to buy and sell each other's pets.

- Live chatting with our doctors.
- Buying and selling pets.
- Tips from our expert to solve different types of pets related problems.
- To share your memories and stories with your pets.
- To make this world a safer and better place for all animals.

Finally, reducing human cruelty to animals, and making people understand that everyone should love animals.

1.4 Expected Outcomes

Some of the expected outcomes from our project are listed below. By using our website,

- This website will help people to increase love and responsibilities for animals by replacing the cruelty to animals.
- Users will be able to share their beautiful and adorable moments with their pet.
- Users will be able to buy and sell their pet according to their needs very easily at one place.
- Getting proper treatment and solution of various problems will be easier and it will take much less time to reach the doctor. Users will be able to chat directly with expert veterinarians without any suffering.
- Users will be able to adopt/buy/sell any pets easily.

1.5 Project Management and Finance

Our project is handled by our team red riders. All the purposes of this project are managed by us. As our project is a dynamic website so we have to divide our project into two parts: frontend and backend. After dividing the frontend part were given to the two of our team members who are comfortable with frontend development as well

as have proper knowledge about it. After that they prepared a user interface of the website and developed the frontend part by using HTML, CSS, Bootstrap, JavaScript, jQuery. On the other hand, another team member who has proper knowledge of backend development, he has developed the backend part using php and MySQL. Then we merge the two parts and that is how our full project is managed and finally we have got the project ready to share with everyone.

As all the things are handled by us so there was no need to invest any amount of money here.

1.6 Report Layout

We have created a website titled “Animal Network”. We will ensure the project is completed on time. Respecting our workflow, we design project reports.

In this first chapter we have introduced our project with the motivation, objectives and expected outcomes of the project in detail.

The second chapter names the Background, we have discussed the role, related work comparative study, problem areas, challenges of our projects in the second chapter.

The third chapter is called the Requirement Specification. We have discussed business process modeling, requirements collection and analysis, case modeling and use of details, logical data models, and design requirements in the third chapter.

The fourth chapter is the Design Specification. In this chapter we have talked about front-design, back-end design, connection design and UX and application requirements of our projects.

The fifth chapter is named Implementation and Testing. In this chapter we have discussed the database implementation, front-end design implementation, test implementation, test results and reports.

The sixth chapter is named the Impact on Society, Environment and Sustainability. We have talked about the Impact on Society, Impact on Environment, Ethical Aspects, Sustainability Plan of our projects.

The seventh chapter is the Discussion and Conclusion, we have discussed the future scope, coverage and outcome of the entire project.

CHAPTER 2

BACKGROUND

2.1 Preliminaries/Terminologies

We have created this website for the purpose of creating an animal loving society. Our target users are only those people who love animals and want to save them from losing their existence in this world. From this thinking, we have planned to work on this project. Before starting our development phase, we have studied the current conditions of animals around us and people's mentality towards animals. Then we studied what kind of services this kind of website should have. After that we started our development phase and have completed the project.

2.2 Related Works

There are some related works that have been done on this topic but none of them is totally similar to this project.

There are websites named “Animal network.net”, “Petfinder.com” [2] etc. These websites work only on pet food and supplies or online blog systems or rescue and adoption of pets. But our website includes some features like sharing moments with pets by creating a profile, buying and selling pets, and working to increase awareness about the importance of animals which makes our website different from other websites.

2.3 Comparative Analysis

There are many pet support systems currently available now. They offer online Helps for a specific sector, such as - online medicine or consultation with online physicians Etc. So, we offer a platform that will cover every sector of a pet related system. So that a website or platform, users can get all kinds of help they need. Using a website is much easier than using multiple platforms. Nowadays using the internet, we can easily solve problems anytime, anywhere, but the solution to all the problems related to pets is not available from one website, which can be found from our website.

2.4 Scope of the Problem

The current communication system is not as fast as it used to be. So, we can discuss some of the problems here;

- Using multiple websites for multiple needs or finding solutions to various problems is not preferred by any user. Our website offers a solution by giving you the opportunity to get everything you need at one place.
- The regular communication system for solving any pet related issue is slightly online, most are still manual, but it is a completely online based system where one can easily get good treatment for his/her pets.
- Sometimes those who own pets decide to sell his or her pets or if someone wants to buy a new one then they face a common problem where they can sell their pets or buy a new pet. For those people our website can be a one stop solution point.

According to these problems, our website provides solutions, which will cover every need.

2.5 Challenges

In every project, there are some challenges. As web-based communication platform is our main goal, so we have to face some challenges too.

- Nowadays people are too familiar with mobile applications. So, a website will not be the best option to attract everyone. It would be better for our project if we could make a mobile application beside the website. But we are planning that after completing the website we will also release a mobile application.
- One of the big challenges of our project is connecting people together and by using that community making other people aware about the importance of animal. So, at the beginning it's a big challenge to make such a community.
- One more challenge that we have faced while implementing the website was selecting the key features that we want to include in our website.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 Business Process Modeling

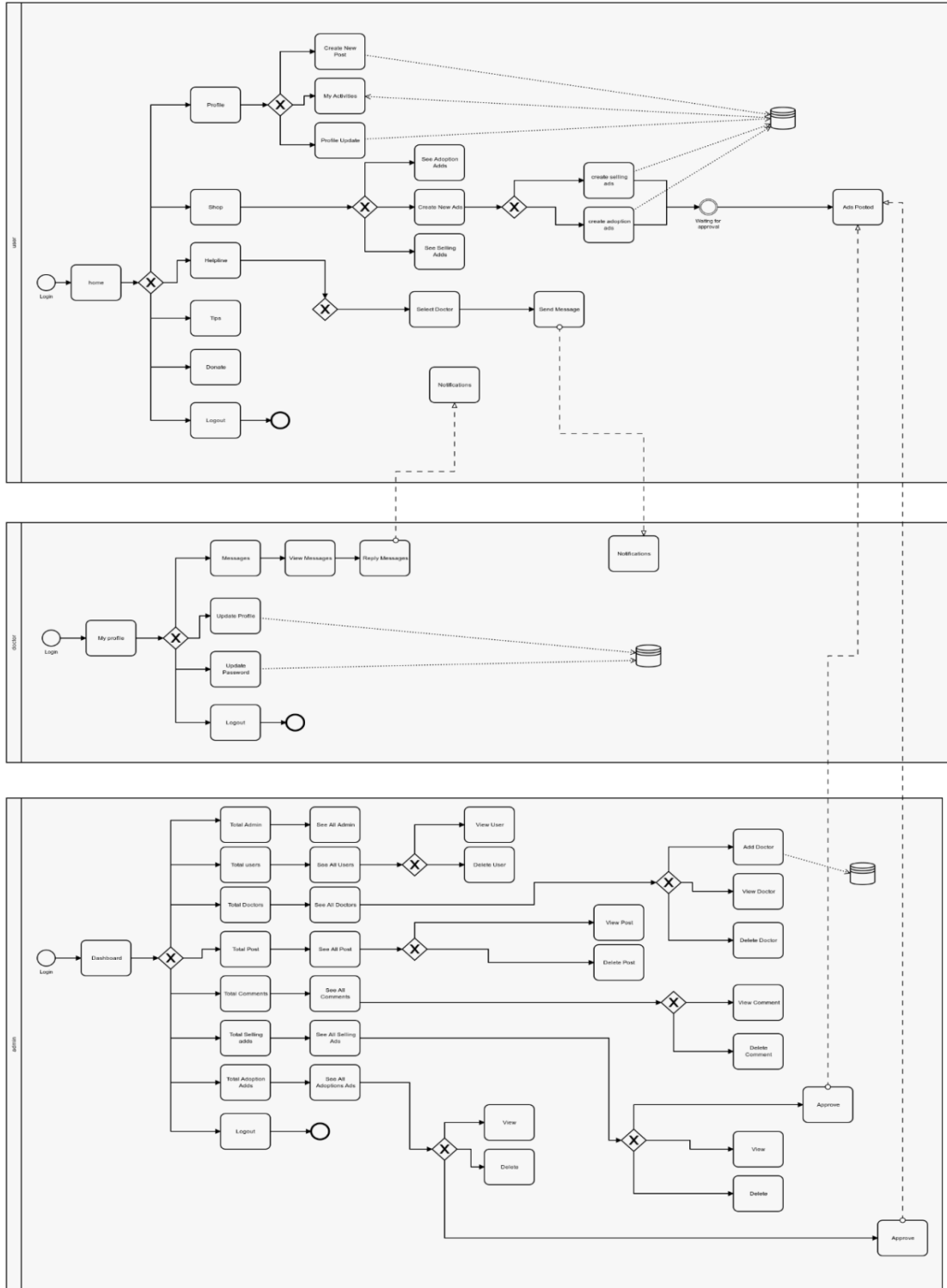


Figure 3.1: Business Process Modeling [3].

3.2: Use Case Modeling

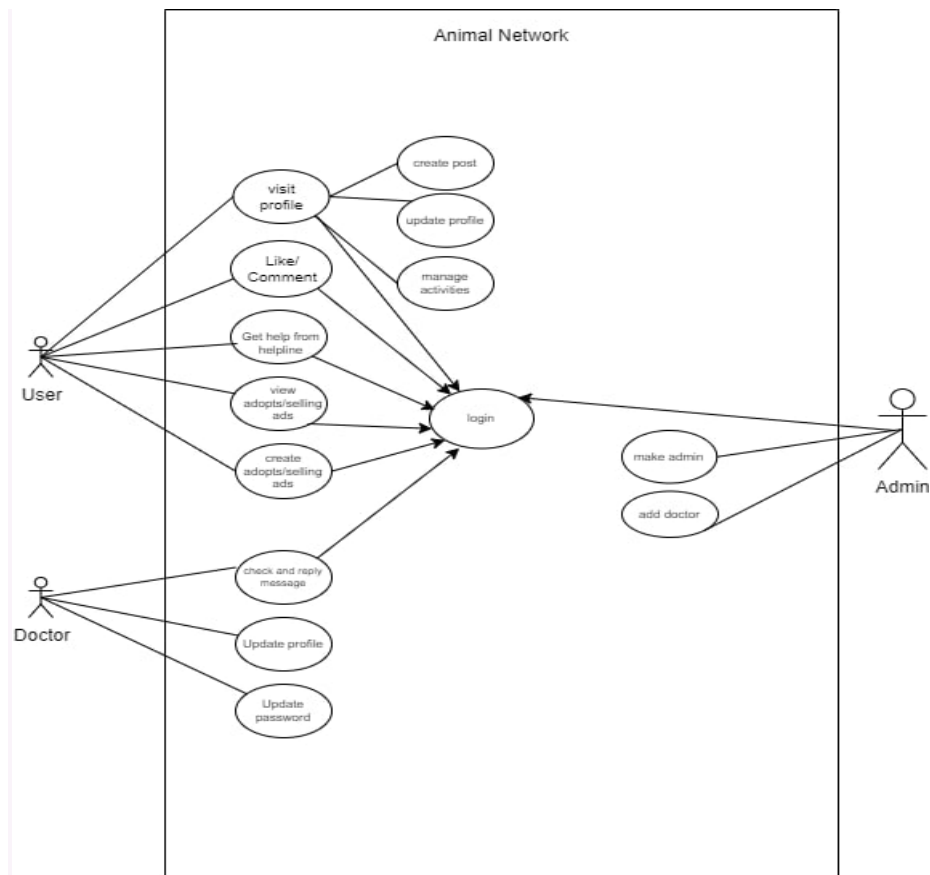


Figure 3.2: Use Case Modeling [4].

Use Case 1: Login

Primary Actor: All user, All appointed doctor, Admin.

Precondition: Must have registered Email and Password in the system.

Main Success Scenario:

1. The actor places the email id in the email section.
2. The actor places the password id in the password section.
3. Press the Login button.

Exception Scenario:

1. The email id must be registered on the system.
2. Incorrect password.

Use Case 2: Visit Profile

Actor: User

Precondition: User has logged in

Main Success Scenario:

1. Create post from profile
2. Update profile
3. Manage activities

Exception Scenario:

1. Must add image and enter text to create new post

Use Case 3: Get help from helpline

Actor: User, doctor

Precondition: User and doctor has logged in

Main Success Scenario:

1. User choose a doctor from doctors list
2. Message a doctor for getting help
3. Doctor checked and replied to user's message

Exception Scenario:

1. Selected doctor is currently not available

Use Case 4: Visit shop

Actor: User

Precondition: User has logged in

Main Success Scenario:

1. User bought a pet from another user
2. User adopt a pet from another user
3. User posted a new adoption or selling ads

Exception Scenario:

1. Selected pets already sold
2. Provided false information about pets

3.3 Design Requirements

When we design a software or system, we take into account some requirements to make the project efficient. It is almost mandatory to do the following requirements.

- Login activity
- Registration activity
- Home activity
- Navigation drawer
- Profile activity
- Shop activity

- User details activity
- Doctor details activity
- Admin panel activity

3.4 Logical Data Model

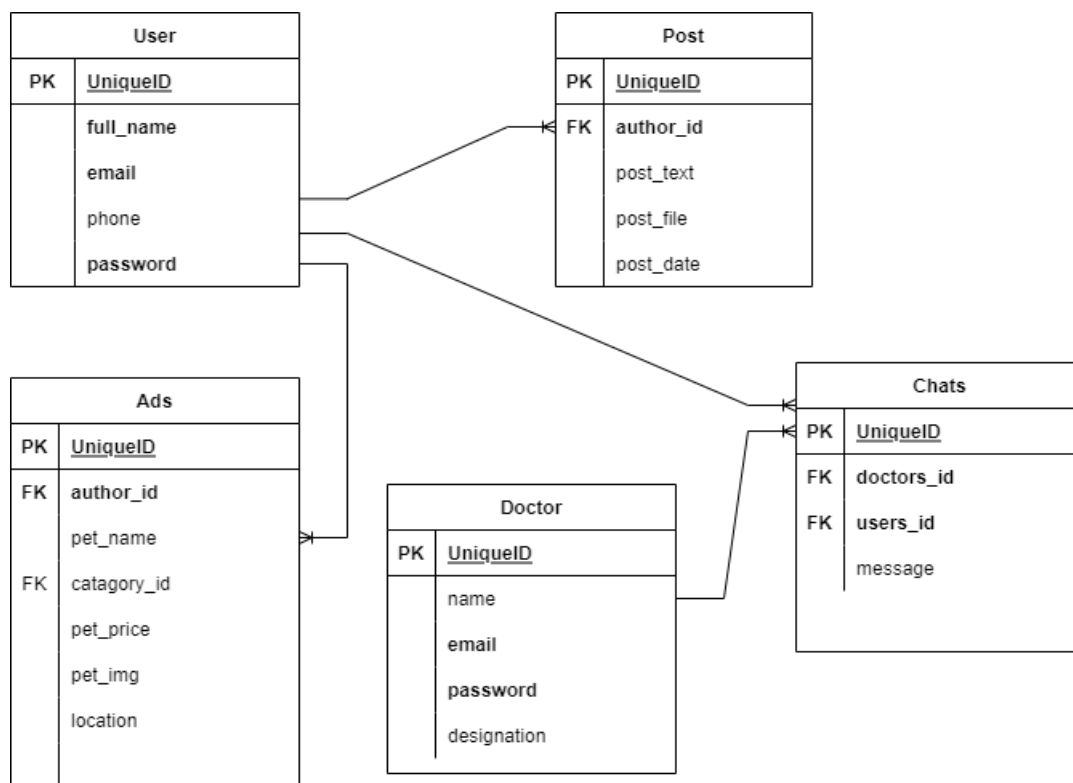


Figure 3.3: Logical Data Model [5].

3.5 Requirement Collection and Analysis

This is an online based doctors and pet lover platform. So, the process of procurement requirements must address all realities involved. This is why it's important to understand requirements and perceptions at all levels.

Software Requirements

- Users
- Users login system
- Doctors
- Doctors login system
- Easy to accept

Hardware and Software Requirements for our system

Before acquiring any software or hardware for a digital platform, ensure that it is capable of supporting the system requirements. Your PC meets the requirements for effective use of this software and hardware. All computer software necessitates the presence of specified hardware components or other software resources on a single computer.

All of the system's tools and platforms must be detailed throughout the development process in order for the new system to continue forward.

- HTML
- CSS
- jQuery
- BOOTSTRAP
- MySQL
- PHP

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-end Design

The front-end design is basically divided into two parts. The UI /UX design and the UX/UI development. We have used HTML, CSS, Bootstrap, Owl Carousel, JavaScript and jQuery for designing our front-end part. At present, it has been made clear that there is a difference between designing website using HTML, CSS, JAVASCRIPT and Adobe XD in website development.

Everything that we can see is a combination of HTML, CSS and JS which is known as user interface. These include things like navbar, banner, fonts, drop-down menus, buttons, animations, sliders, Sign Up form, Login form etc.

4.2 Back-end Design

The back-end of our project is divided into three parts, client side, server side and database. We have used PHP and MySQL for our back-end part. When a user of our website creates a post from his/her timeline he/she actually interacts with the user interface and at the time he/she clicks the post button all the data he/she inputted will be saved to a database created on a server.

4.3 Interaction Design and UX

Interaction with user experience (UX) design is the most important part of design. The result of a website depends on user satisfaction. As a website it is more user-friendly depending on the interaction and design part. In our website, we have used a useful model of interactive design.

4.4 Implementation Requirements

We were given a very good idea of the implementation requirements. The main task of this part is to make all the things easier, user friendly. The following is a list of implementation requirements;

- Easy to create
- Easy to manage
- Easier to analyses

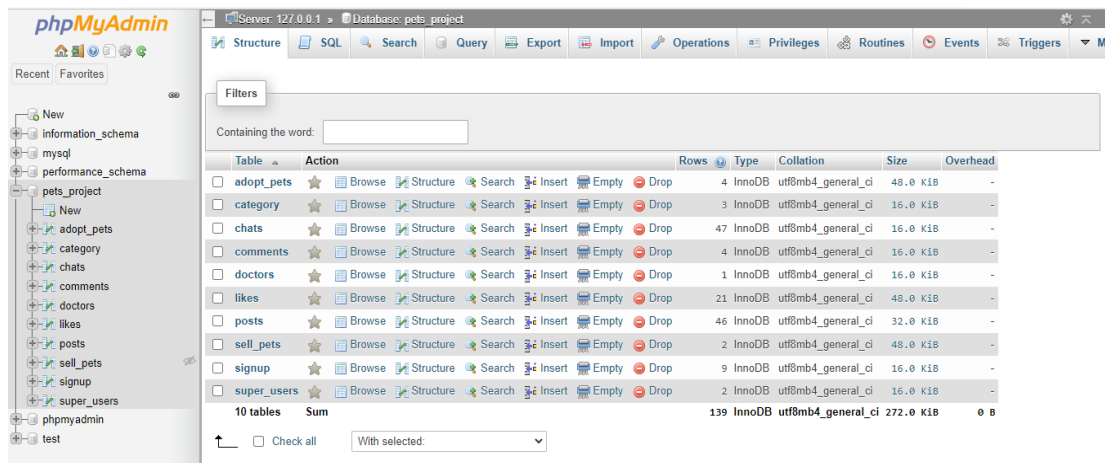
- Easier to interact
- Dynamic pages
- User-friendly
- Ease of accessibility

CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation of Database

We are using MySQL as the database for this project. As MySQL stores all the data as table format, the whole database of our project is stored as table. The whole database is a,



The screenshot shows the phpMyAdmin interface for a database named 'pets_project'. The left sidebar shows a tree view of the database structure, including 'pets_project' and its sub-tables: 'adopt_pets', 'category', 'chats', 'comments', 'doctors', 'likes', 'posts', 'sell_pets', 'signup', and 'super_users'. The main area displays a table listing the tables in the database. The table has columns for 'Table', 'Action', 'Rows', 'Type', 'Collation', 'Size', and 'Overhead'. The data is as follows:

Table	Action	Rows	Type	Collation	Size	Overhead
adopt_pets	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	48.0 KiB	-
category	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
chats	Browse Structure Search Insert Empty Drop	47	InnoDB	utf8mb4_general_ci	16.0 KiB	-
comments	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
doctors	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
likes	Browse Structure Search Insert Empty Drop	21	InnoDB	utf8mb4_general_ci	48.0 KiB	-
posts	Browse Structure Search Insert Empty Drop	46	InnoDB	utf8mb4_general_ci	32.0 KiB	-
sell_pets	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	48.0 KiB	-
signup	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	16.0 KiB	-
super_users	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
10 tables	Sum	139	InnoDB	utf8mb4_general_ci	272.0 KiB	0 B

Figure 5.1: Database Implementation Model

In Figure 5.1 we have shown the implementation of data in the database. As MySQL follows structured query language (SQL) so all the data is stored in table format. In the above image you can see under the pet's project database there are several tables for different collections of data like chats, posts, likes, doctors etc.

5.2 Implementation of Front-end Design

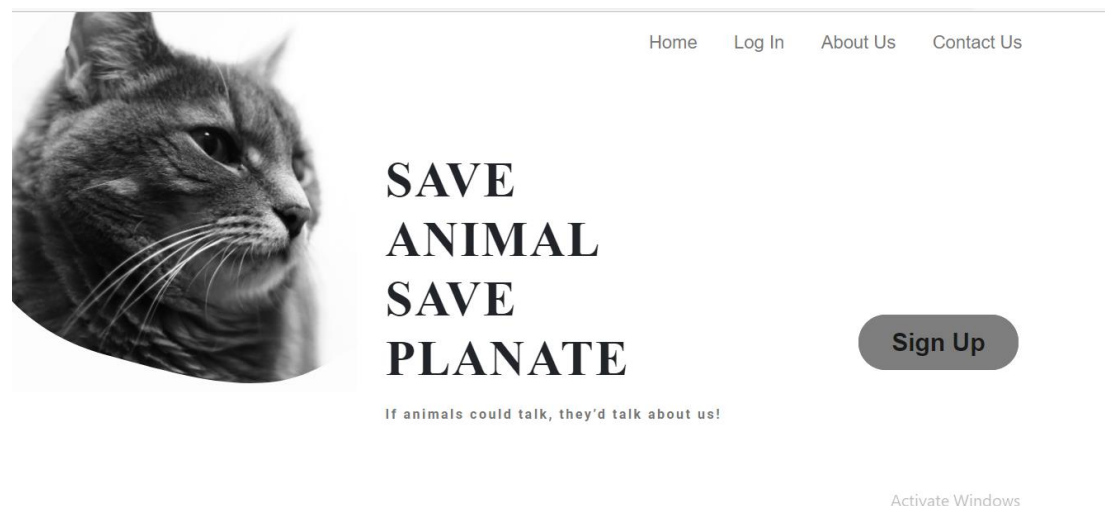


Figure 5.2: Landing page [6].

Figure 5.2 shows the landing page of our website. Landing page means that page which arrives first while someone visits any website. It usually represents the whole website in short containing some images, buttons like sign up or registration services a website provides navbar etc. In the above image of our website’s landing page, we have added a navbar an image of cats which represents that it’s a website based on animals, our motto “Save Animal, Save Planate” a sign-up button. There are also two parts, one for the services we provide in our website and footer at the bottom.

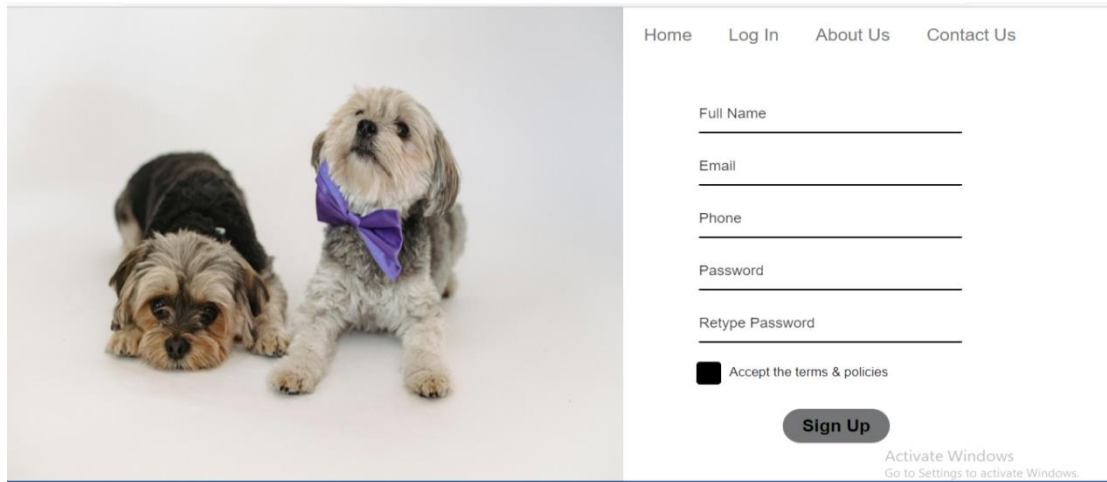


Figure 5.3: Sign Up Form [7].

Figure 5.3 shows our sign up/registration form. Sign up form is used to register a user where a user has to provide some information about him/her like email username, phone and has to set a password. While a new user visits a website it's common that they will ask the user to become their member by registering on that website. For our website we have used the above sign-up form for registering users in our website.

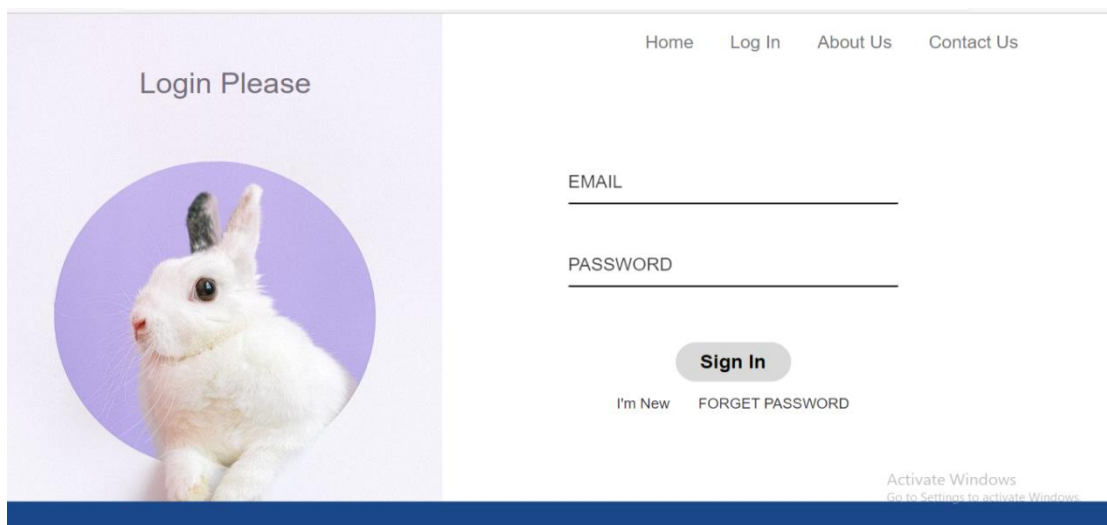


Figure 5.4: Login Form [8]

Figure 5.4 represents our sign in/login form. Login form is used to log in a user using the email and password he/she set at the time of registering in the website. Every time a user visits the website, he/she must have to log in the website and a user can't browse the website without logging in. The above image shows the login form we have used for our website.

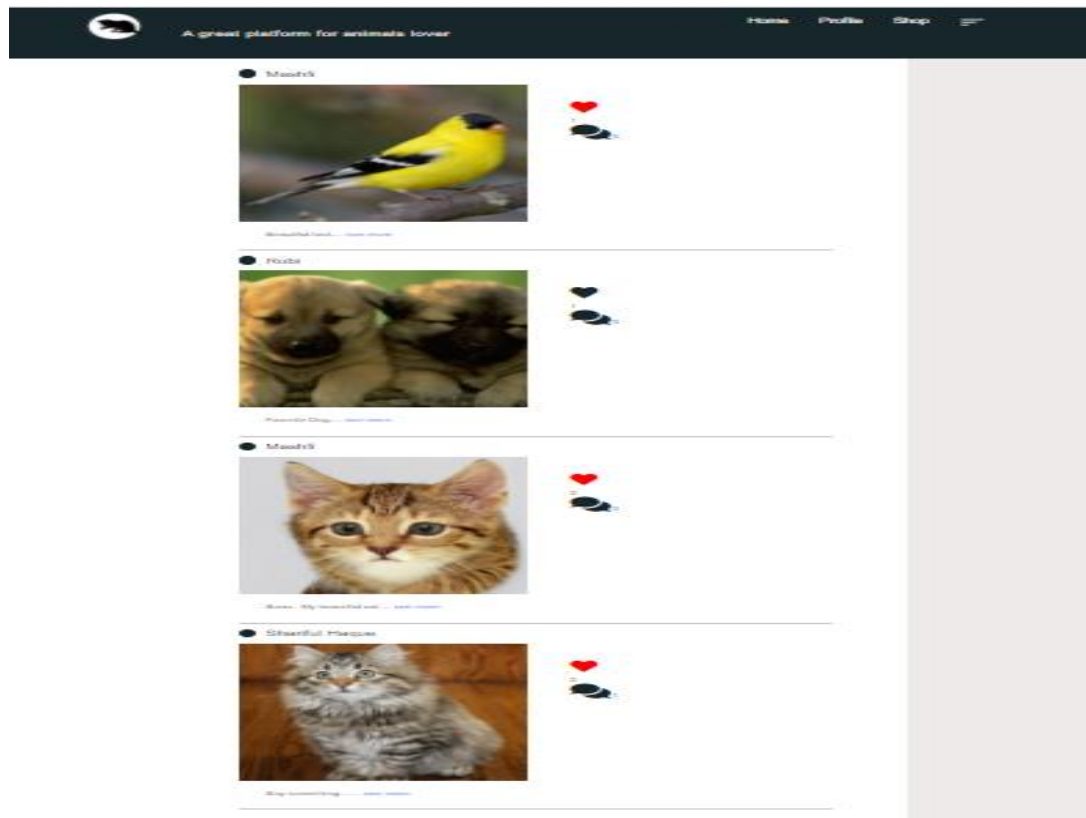


Figure 5.5: Home Page

Figure 5.5 shows the home page of our website. Home page is basically known as a newsfeed in this kind of website where posts or other components from various users are shown randomly. In the above picture of our home page, we have tried to show the most recent post of others users. Where one user can react to anyone's post and give his/her comment on a post.

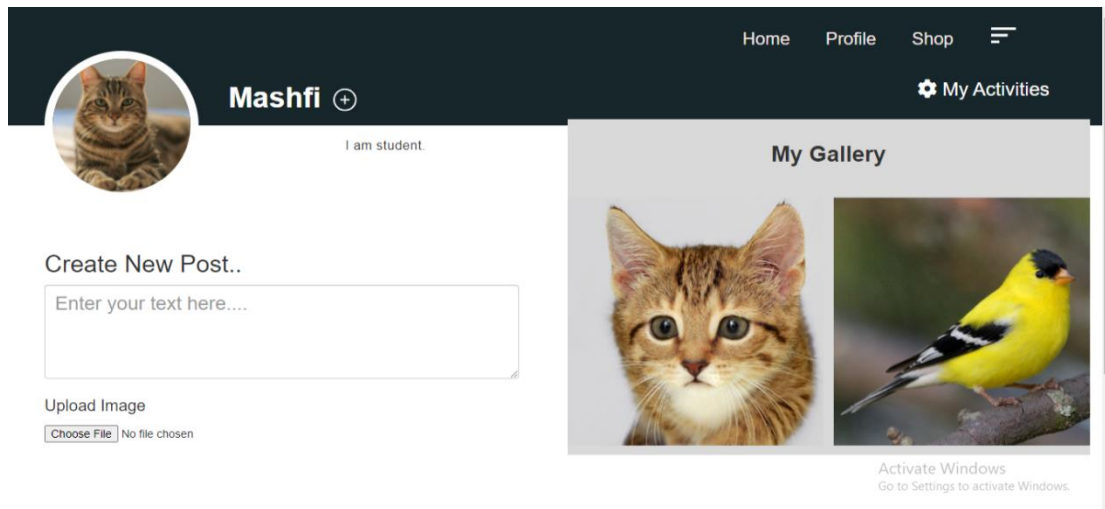


Figure 5.6: Users Profile

Figure 5.6 shows the user's profile of our website. When a new user registers in our website and then login then the profile option will be shown in our navbar. From that profile option the user can visit his own profile. In user profile page one user can create a new post, see his/her gallery, access and manage his/her activities and also update his/her profile.

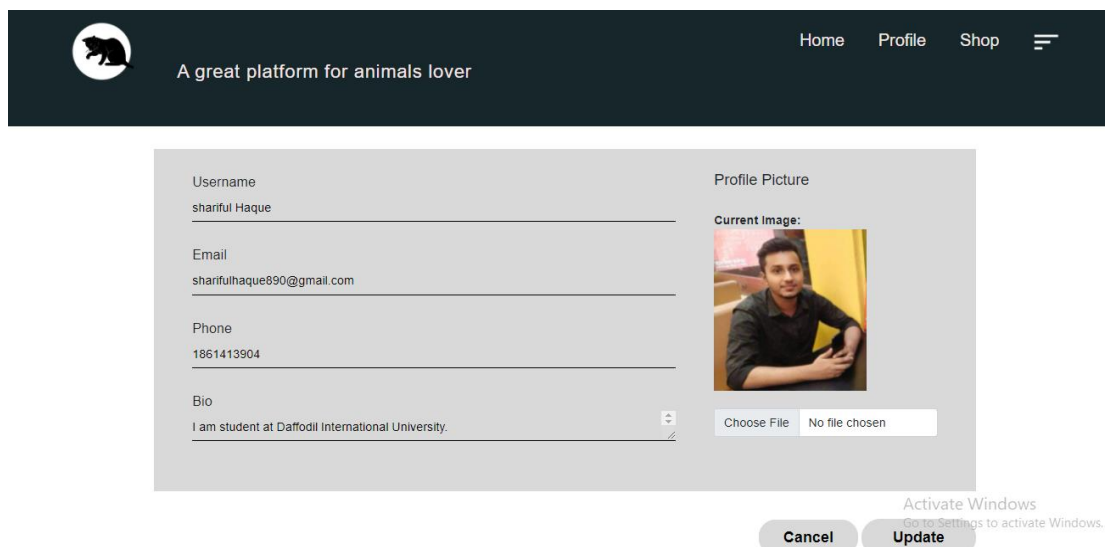


Figure 5.7: Users Profile update form

Figure 5.7 shows the user profile update form. This form can be accessed from user's profile page and also from the dropdown menu. User can update his/her profile info like email, username, phone number, bio, profile picture using this form.

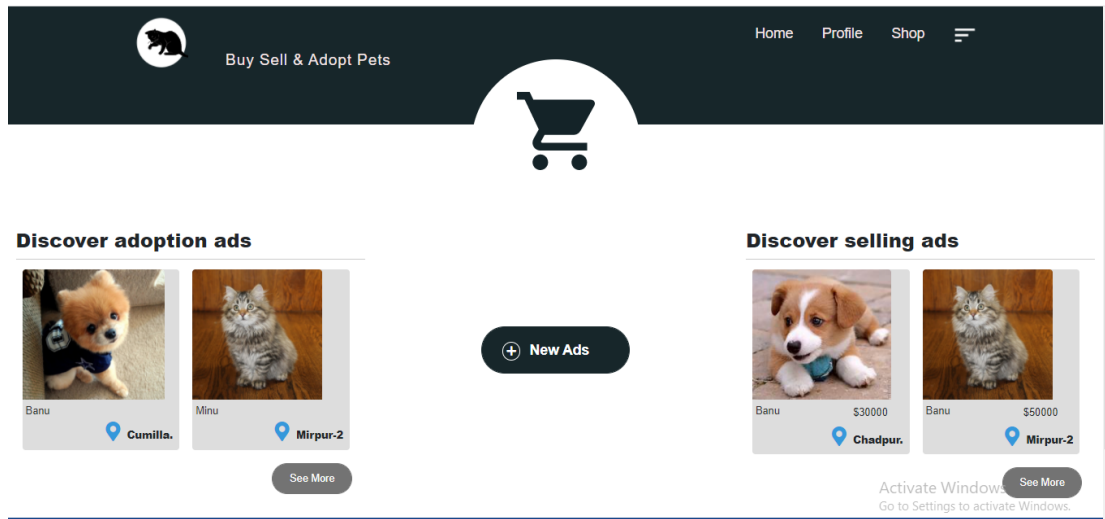


Figure 5.8: Shop Page

Figure 5.8 shows the shop page of our website. One of the main features of our website is the shop page. Users can find adoption and selling ads as well create new ads from this shop page of our website.

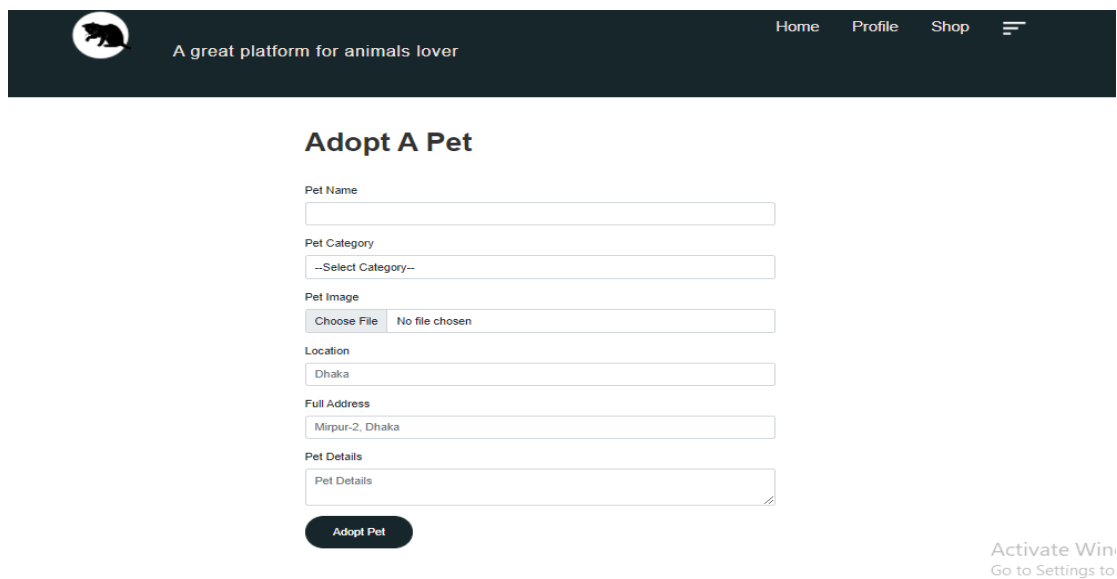


Figure 5.9: Create ads for adaptation pets from

Figure 5.9 shows the page of creating new ads of adoption. If any user wants to adopt his/her pets he can create new adoption ads by filling up this form.

Details About Minu



Pet Name: Minu
Pet category: Cats
Location: Mirpur-2
Full Address: Dhaka
For adopt this pet please call 01861413904
Pet Detail: Siberian Cat.

[Activate Win](#)
[Go to Settings](#)

Figure 5.10: Ads details page

Figure 5.10 shows the page of details of an ad. From the shop page when a user will click on an adoption/sell ad this page with details information about that ad will appear.

Sell A Pet

Pet Name

Pet Price

Pet Image
 No file chosen

Pet Category

Location

Full Address

Pet Details

[Activate Win](#)
[Go to Settings to](#)

Figure 5.11: Create ads for selling pet's form

Figure 5.11 shows the page of creating new ads for selling pets. If any user wants to sell his/her pets he can create new selling ads by filling up this form.

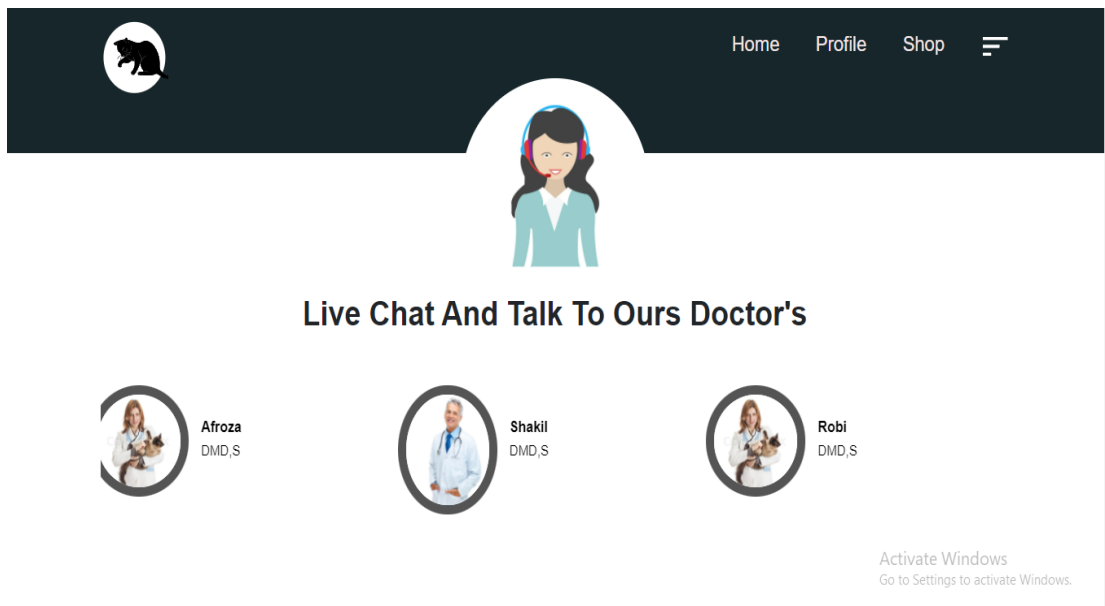


Figure 5.12: Helpline page

Figure 5.12 shows the helpline page of our website. We have a feature helpline. This feature is included for helping those people who face problems related to pets/animals . Here users can find our specialist doctors and get solutions for their problem.

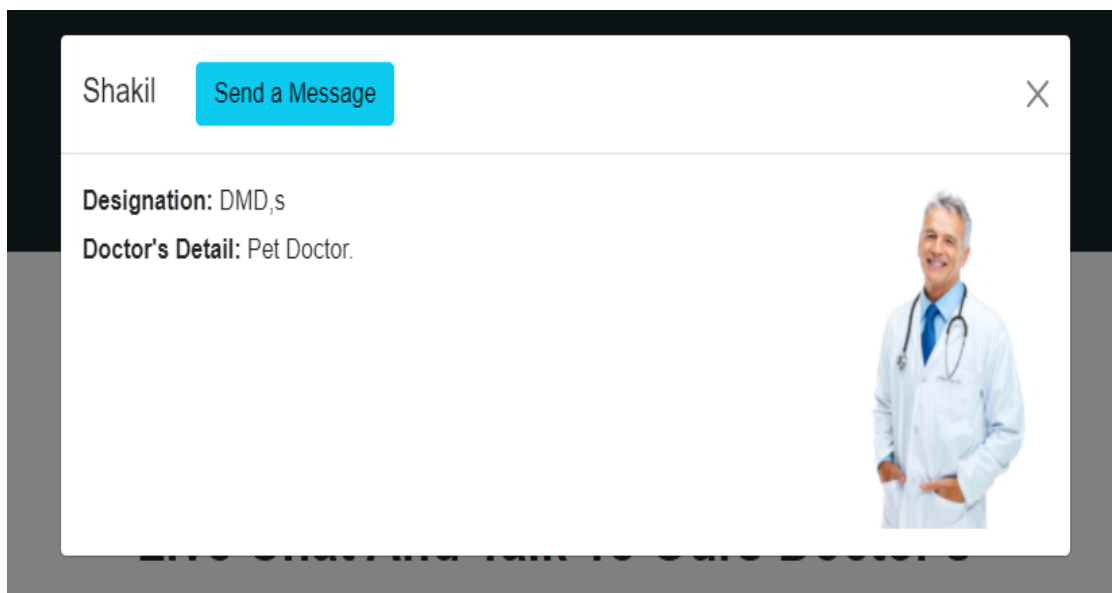


Figure 5.13: Doctors Details Modal

Figure 5.13 shows doctors details modal. When a user visits the helpline page, he will find our doctors. From the list of our doctor's user can check the details info about any doctors before choosing a doctor for getting help.

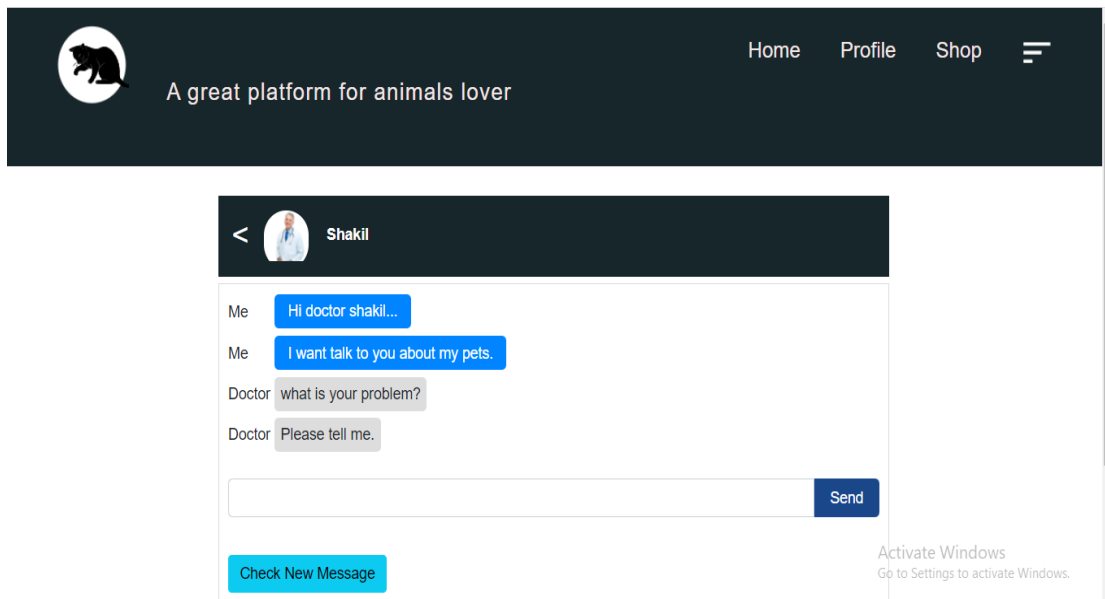


Figure 5.14: User-Doctor Chat Box

Figure 5.14 shows the chat box of the user and doctor. From the helpline page one user can find a doctor from whom he/she wants to have the solution for his problem. After choosing a doctor, the user can do a live chat with that doctor to get his solution.

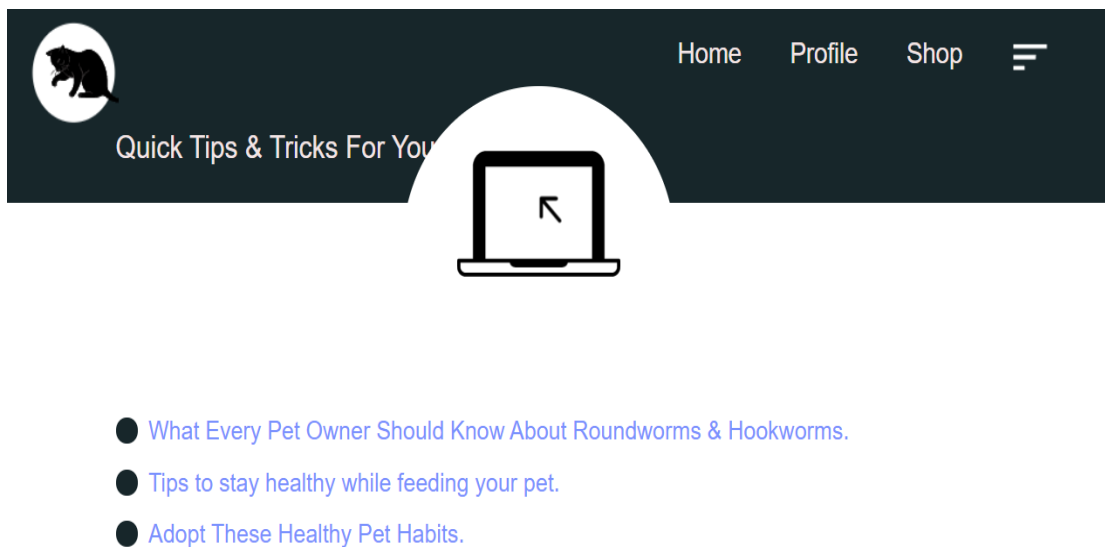


Figure 5.15: Pets/animal related tips page

Figure 5.15 shows the tips and tricks page of our website. We added this feature in our website in order to provide some valuable tips and tricks related to pets/animals so that users can get some help from this page.

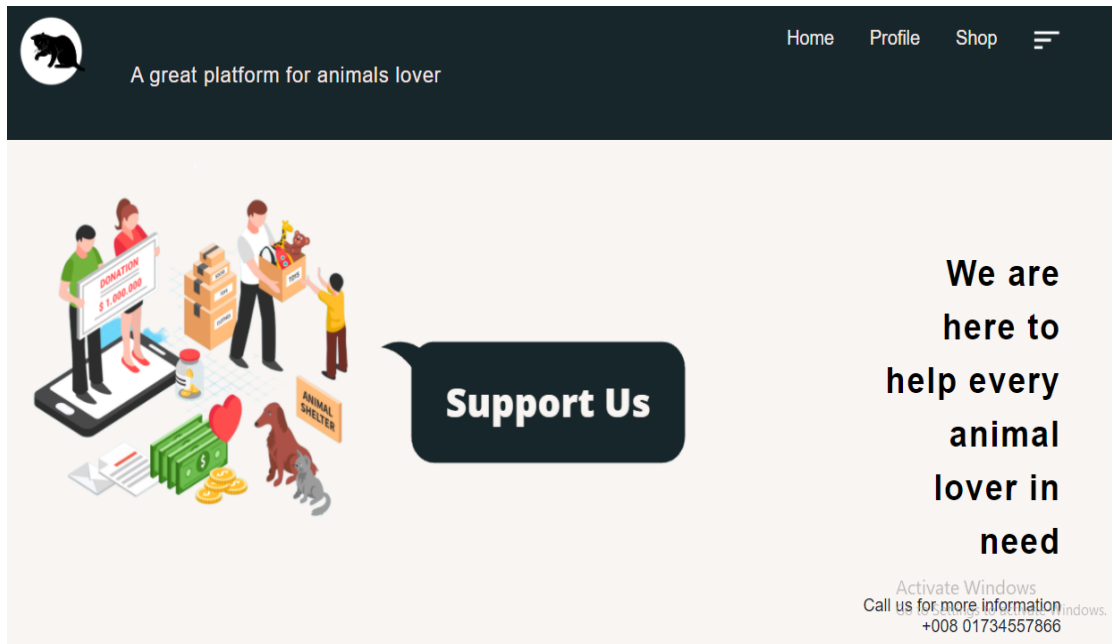


Figure 5.16: Support Us page [9].

Figure 5.16 shows the donation page of our website. The main target of adding this to our website is to collect some funds from our users and spend them to make people aware about the importance of animals for us.

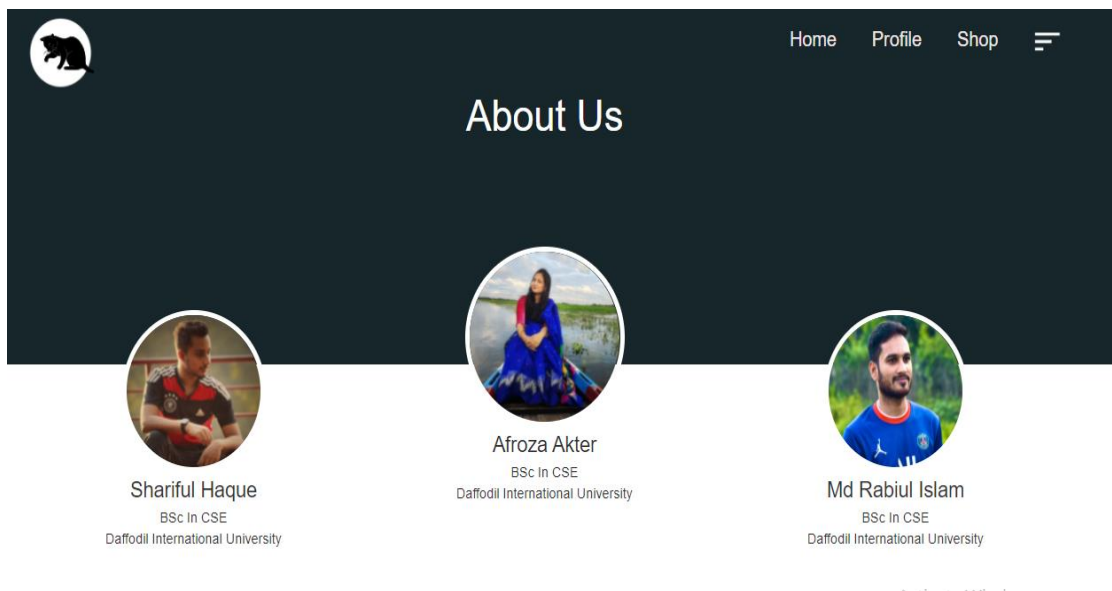


Figure 5.17: About Us page

Figure 5.17 shows the about us page of our website. In this page we have added information about our team members with our photos.

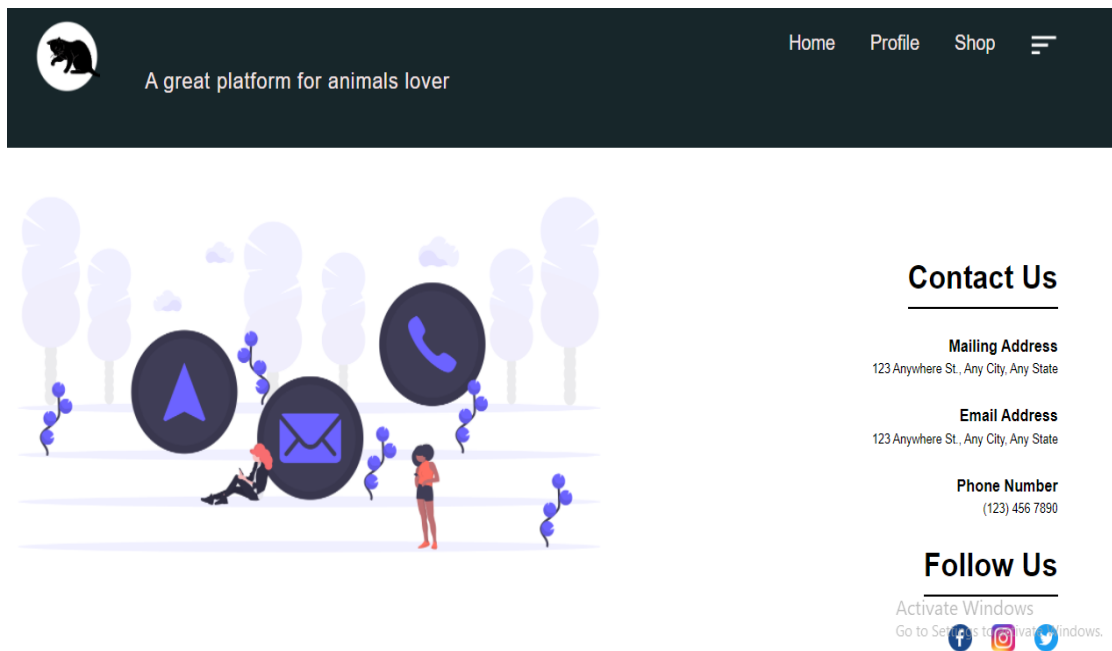


Figure 5.18: Contact Us page [10].

Figure 5.18 shows the contact us page of our website which provides contact information for us. If any users face any problem or need to contact us then contact us through this page.

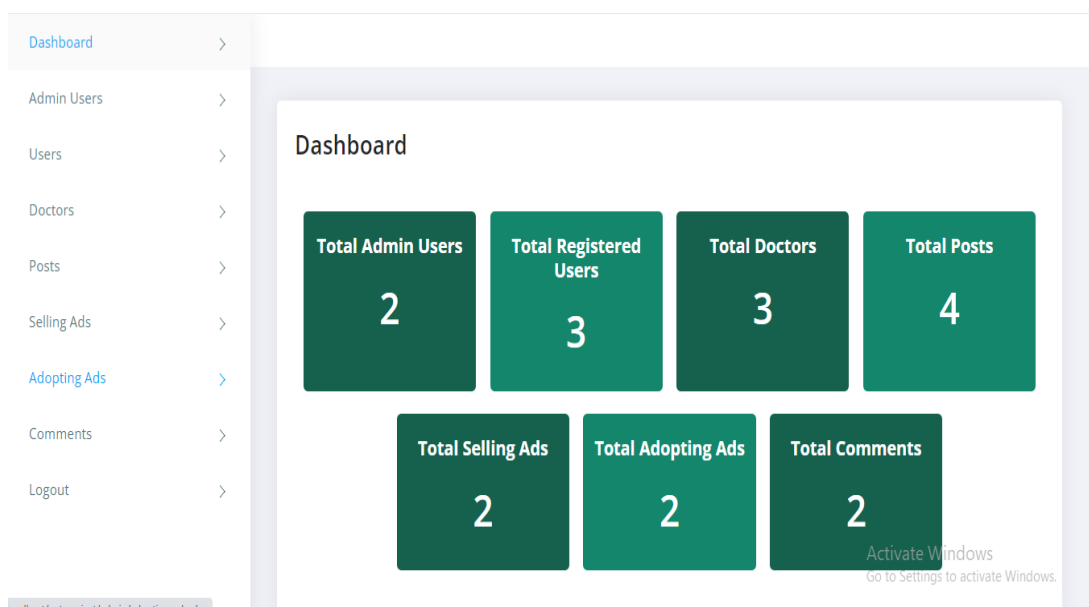
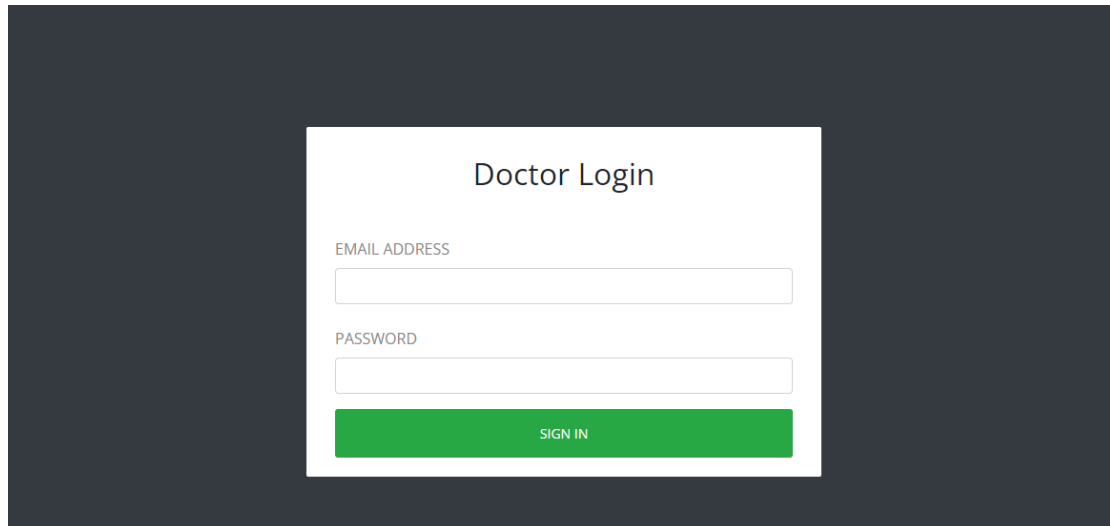


Figure 5.19: Admin Dashboard

Figure 5.19 shows the admin panel dashboard of our website. An admin can manage everything on our website from this page like adding doctors, deleting any user's post, managing any adds etc.



Doctor Login

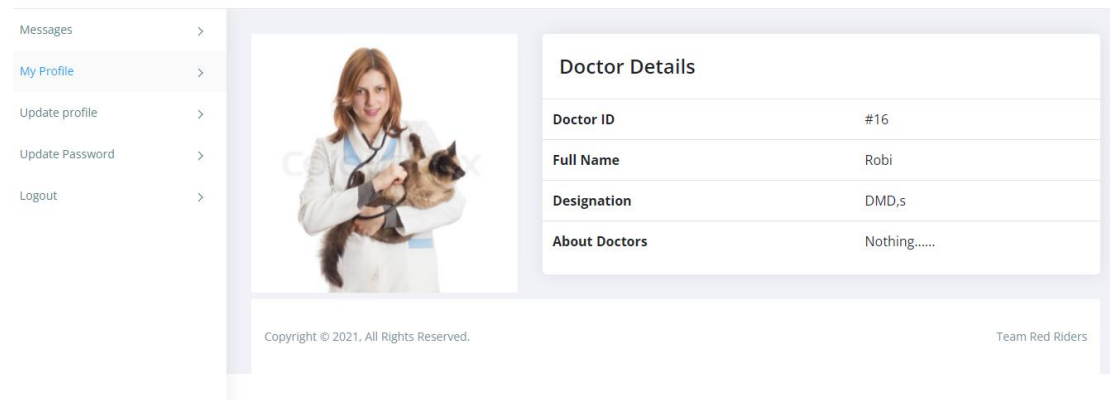
EMAIL ADDRESS

PASSWORD

SIGN IN

Figure 5.20: Doctors Login Form

Figure 5.20 shows the Doctor log in form of our website. Only doctors of our website who are added by our admin can log into our website by using this form.



Messages >

My Profile >

Update profile >

Update Password >

Logout >

Doctor Details

Doctor ID	#16
Full Name	Robi
Designation	DMD,s
About Doctors	Nothing.....

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Figure 5.21: Doctors Profile Page

Figure 5.21 shows the doctor's profile page. Our assigned doctors can check their profile from this page.

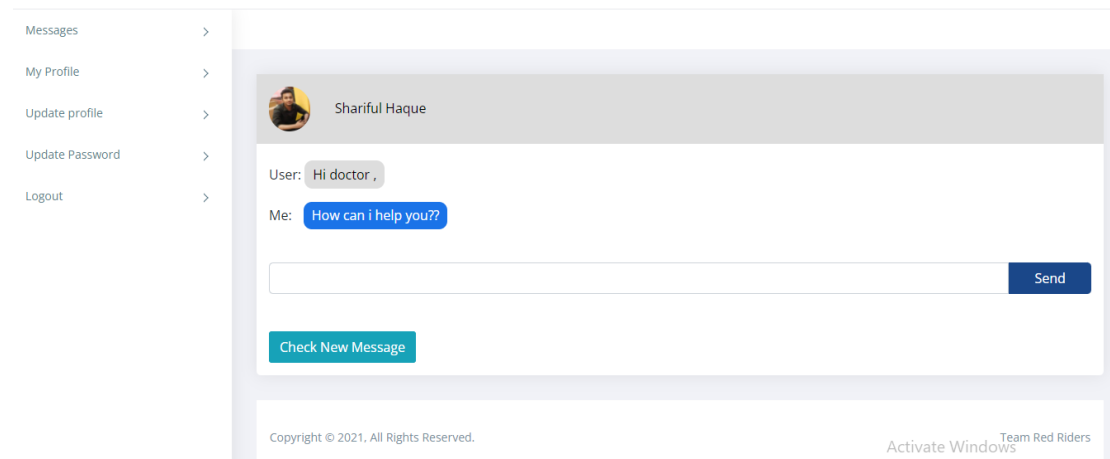


Figure 5.22: Doctor- User Chat box

Figure 5.22 shows the doctor- user chat box view of our website. A doctor can check the messages sent by our users and reply to him from this chat box.

5.3 Testing Implementation:

5.4.1 Testing

It's almost impossible to implement a website that works perfectly at first time. There are always some errors which have to be found and fixed by testing. That's why testing is an integral part of any system development project. The main objective of the test is to validate the contribution, authenticity, reliability and quality of the system.

5.4.2 Unit Test

Testing a website is never so easy because it's made up of many different layers. In order to complete an efficient testing, we need to break down this project into small units for testing specific functionalities of our project.

5.4.3 Unit Test Case

There are two parts in the unit test. One is the database handler and the other is interface handler. We also use some basic features, such as collecting users data, storing data in the database, and fetching that data for showing in the UI. The database handler will test these three functions. The database handler test case now looks like this

- Each user can successfully add new data or not
- Each user can successfully update his or her data or not

- Each user can successfully delete his or her data or not.

5.4 Test Result and Reports:

All tests can be performed to enhance the efficiency of a system and to integrate software where each error can be found and resolved.

CHAPTER 6

IMPACT ON SOCIETY, ENVIRONMENT AND SUSTAINABILITY

6.1 Impact on Society

If we want to make any changes then we should start from our society. If you are able to change one society then by seeing them the others will also change them. Our mission is to change the thinking of people that animals also have lives, they have their own feelings, they deserve to live a safe life besides us because we share the same world. There are some people in every society who have a soft corner for animals, we want to connect them in a common platform then by using them and their effort we want to change the others people point of view and make them aware so that the whole society can be changed and work together to make this world a better place for animals.

6.2 Impact on Environment

We human beings and all other living animals share the same world and we are also part of the same environment. Environment includes everything around us. For a better environment we must ensure that each and every thing which is a part of the environment is in a good condition. One cannot imagine a world without animals. Different animals have different impacts on human lives as well as on the environment. But it's a matter of regret that many wild animals, even pets, are declining day by day. Because some cruel people among us on the other hand are the miscreants who are killing them unjustly. If this continues then it will have a very bad impact on our environment. We hope our website will be able to make a strong community to prevent this kind of injustice to animals by increasing awareness among people. If we get even a very little success then we live it will put a positive impact on the environment.

6.3 Ethical Aspects

Our main purpose is to give the highest care and service to the animal. There must be compromise between humans and animals for a beautiful world. So, this work will help us to do it. Our ethic is to help animals and provide them with all kinds of services. To provide animal health care. To bring together those who love animals and

create a platform to help each other. Users will be given maximum privacy for personal information on our platform or website, so that users can share their favorite moment. Our appoint doctors will always try to provide services to animals. All activities of our website are controlled by admin panel. So that no one gets a chance in any unethical activities.

6.4 Sustainability Plan

We will always try to manage and control our website nicely so that users can use it better in the future as a social media and also neglect of animals will be prevented. We will work more on this website so that this website spreads and also grows.

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

7.1 Discussion and Conclusion

Our animal network website is an exciting topic to work on. Going through this project, we have faced many challenging tasks that are related to our pet animal related problems.

We have researched many platforms that have helped us to realize what should be done and what should not be done in our project. We interacted with the people to know what kind of problems they are facing in the existing system. We talked with several experts, took guidelines that has helped us a lot to develop this platform. Though getting above these, we still faced many challenges.

We think it is an innovative idea to bring all the pet animal's solutions in one platform. The help that is provided through this website is massive. We interact with many people, listen to their problems, try to understand them and come up with this website. We hope that it will help them a lot.

7.2 Scope for Further Developments

There are many scoops of further developments. We have several ideas-

- We will build a sustainable android application for this platform.
- We will build software versions for various operating systems.
- We will build apps for IOS.
- We will try to implement AI based pet animal problem solutions in this system.

APPENDIX

Appendix A: Research Reflection

The purpose concerning this Appendix search out provides something new to Project feast. The group research project was a question and to one's liking knowledge typical of the course all at once. We had little exposure to group persevere educational institutions. Therefore, it was a neat change expected of an effective and active crew. We complemented each one completely well, two in influence together combining two or more academic fields perspectives and fashionable cause to have equilibrium the work within reach. The knowledge instructed us that preparation and building responses takes a lengthy come into sight group than on your own. The thorough exertion required will eventually be a good thing. When occupied uniquely, we can become eventually with a result that is to say alike to our initial plans. In our group, we uniformly evolve and refine each one's understanding. It was interesting just in what way or manner productive our group conference exists. The time appears to fly and still we continually got a lot approved and accomplished to help another together with the way towards the endpoint of bearing a nominal policy.

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Final Test

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