Overview

Background

There are so many cases we hear when animals die unnecessarily, or many a times people bring pet/s to their homes and when they cannot take proper care, they leave them on road and many mishaps happen to them. This actually encouraged us to create a pet website where we will be able to look after these pets, cure them and give them new life where they can live peacefully. Also, for pampered pets, there is online pet shop (Paw Cart) and schedule vet-appointments easily. Through our activities, we want to educate and inspire the urban community to peacefully co-exist with animals on our streets.

Design an Online Pet Shop Management System which will have 3 modules described as follows:

1. **Vet Appointment:** which will schedule vet-appointments for pets and store the entries in the table called 'appointment'.
2. **Adoption:** in which users will be able to see pets available for adoption and which will allow users to fill the cat/dog form and these requests will be stored in a different table called 'adopt'.
3. **Paw Cart:** which will display menu of food items, toys and pet treats available for shopping. This information will be retrieved from a table called 'food toys'. When user places an order, then that entry must be made in database called 'orders' and listing of individual items in the order will be mapped according to order number in table called 'order items'

The user must first create an account and login before accessing these modules. The information related to user accounts will be stored in table called 'user'.

Objectives

Framework of the proposed work in project:

1. **Creating Required Database and Tables**
   Firstly, database with all the tables including proper schema and primary, foreign keys is created.
2. **Creating Login/Signup Page**
   Next, Login/Signup Page layout is created and proper validation for each element in login/signup form is made using PHP.
3. **Creating Home Page of Website**
   A detailed design of the homepage is created with application of CSS and HTML and various modules were linked to it.
4. **Creating Vet-Appointment Module**
   A proper PHP validated form for every input field was made and thank you page when appointment is scheduled is created.
5. **Creating Adoption Module**
   In this module, there are links for filling Cat Adoption and Dog Adoption Forms made with PHP validation. And another link is there which shows pets available for adoption in which values are retrieved from database and displayed in table format.

6. **Creating Paw Cart Module**

    It displays a menu showing different items for shopping, values of which are retrieved from database. It shows items which are out of stock in grey field. There are 2 forms, one for placing an order where user has to enter item codes and quantity, and another for confirming order where order summary is shown and user has to enter address and mobile number and confirm the order. Then a thank you page will be shown.

Scope

Enhancement

The main objective of Pet Shop Management System is to enhance and upgrade the existing system by increasing its efficiency and effectiveness. The software improves the working methods by replacing the existing manual system with the computer-based system.

Automation

The pet Shop Management System automates each and every activity of the manual system and increases its throughput. Thus, the response time of the system is very less and it works very fast.

Accuracy

The pet Shop Management System provides the uses a quick response with very accurate information regarding the users etc. Any details or system in an accurate manner, as and when required.

User-Friendly

The software pet Shop Management System has a very user-friendly interface. Thus, the users will feel very easy to work on it. The software provides accuracy along with a pleasant interface. Make the present manual system more interactive, speedy and user friendly.

Availability

The transaction reports of the system can be retried as and when required. Thus, there is no delay in the availability of any information, whatever needed, can be captured very quickly and easily.

Maintenance Cost

Reduce the cost of maintenance.

Security

This is very important aspect of the design and should cover areas of hardware reliability, fall back procedures, physical security of data and provision for detection of fraud and abuse. System design involves first logical design and then physical construction of the system. The logical design describes the structure and characteristics of features, like the outputs, inputs, files, database and procedures. The physical construction, which follows the logical design, produces actual program software, files and a working system.

Assumptions and Constraints

- Firstly, the user has to create an account by filling the necessary details and then user will be redirected to the Login Page. Login in the account and Surf the site according your need.
- After login you are directed to the Home Page where three modules will be show-cased.
- It is assumed that user should enter the Item code and Quantity to place his/her order on Paw Cart.
- While placing an order on Paw Cart, user has to pay through Cash on Delivery (COD) Payment
- Method only, other methods are not provided.

Dependencies and Risks

The Existing system only provides test-based interface, which is not as user-friendly as Graphical User Interface.

• Since the system is implemented in manual, so the response is very slow.

• The transactions are executed in offline mode; hence on-line data capture and modification is not possible.

• Offline reports cannot be generated due to batch mode execution. Hence, there is need of reformation of the system with more advantages and flexibility.

The Pet Shop Management System eliminates most of the limitations of the existing software. It has the following objectives.

Project Delivery

Deliverables

The following contents will be delivered with the project:

a) Project CD

    i. Project Demo

    ii. User manual along with Tutorial

b) Documentation

Timescales

The time frame for implementing the project is given in Figure 1.2.1.

Work Distribution

The work distribution of the project is given in Table 1.2.1.

Project Resources

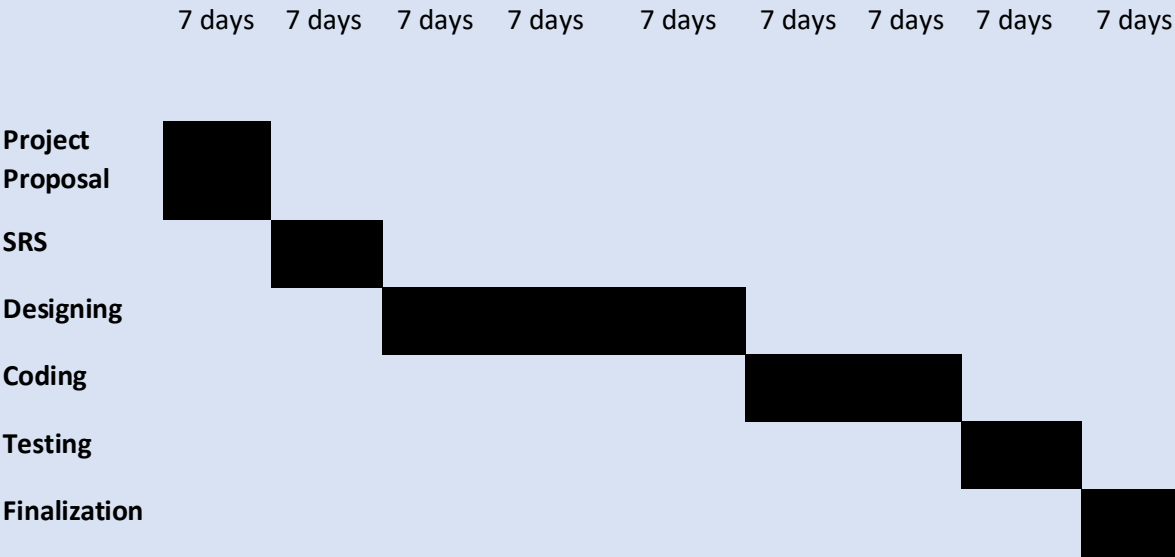The resources required to finish the project is given in Table 1.2.2.

Duration

| | 7 days | 7 days | 7 days | 7 days | 7 days | 7 days | 7 days | 7 days | 7 days |

Project Proposal

SRS

Designing

Coding

Testing

Finalization

Figure 1.2.1: Time frames for project implementation

Work Distribution		
Project Proposal	Mowma Mazumder	7days
Software Requirement Specification	Mowma Mazumder	7 days
Software Design	Mowma Mazumder	21 days
Coding	Mowma Mazumder	14 days
Software Testing	Mowma Mazumder	7 days
Project Finalization	Mowma Mazumder	7 days

Table 1.2.1 Work Distribution

Hardware Requirements		
Processor	**RAM**	**Hard Disk Space**
X86 Compatible processor with 1.7 GHz Clock speed	512 MB or more	20 GB or more
Software Requirements		
Operating System	**Database**	
Windows 10	• Front end: HTML, CSS, JavaScript, PHP • Back end: MySQL	
For user no specific OS is required. The server machine must have Windows XP/Vista/7 along with .NET framework 4 and IIS.	SQL Server 2008	

Project Resources

Summary

- The Online Pet Shop Management is successfully done to make scheduling of vet-appointments and shopping easier. Also, it helps pets for easy re-homing.
- The project is completed that follow the Incremental Model.

References

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