

**Project Proposal**

**Care Critters**

**Supervisor : Prof. Kamran**

***By***

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***Bachelor of Science in Information Technology (2020-2024)***

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**Project Category: (**Select all the major domains of proposed project**)**

A-Desktop Application/Information System

B-Web Application/Web Application based Information System

C-Problem Solving and Artificial Intelligence

D-Simulation and Modeling

E- Smartphone Application

F-Smartphone Game

G- Networks

H- Image Processing

Other (specify category)

**Abstract**

Care critters is a web- based application. The main objective is to design and develop a user-friendly and comprehensive online platform that provides pet owners with a non-stop solution for all their pet care needs. It provides easy access to pet care services and resources and promotes responsible pet ownership and animal welfare. By providing a comprehensive and user-friendly platform, this project aims to improve the lives of pets and their owners, while also promoting animal welfare and responsible pet ownership. It provides a comprehensive guide for pet owners offering care tips, health advises, veterinarian recommendation, training videos and pet service.

## **Introduction**

## Our mission is to provide a comprehensive online platform for pet owners, caregivers, and enthusiasts alike. Our website aims to offer a wealth of resources, tools, and services to help you provide the best possible care for your furry friends. Care critters is a web- based application. The main objective is to design and develop a user-friendly and comprehensive online platform that provides pet owners with a non stop solution for all their pet care needs. It provides easy access to pet care services and resources and promotes responsible pet ownership and animal welfare. By providing a comprehensive and user-friendly platform, this project aims to improve the lives of pets and their owners, while also promoting animal welfare and responsible pet ownership. It provides a comprehensive guide for pet owners offering care tips, health advises, veterinarian recommendation, training videos and pet services.

## **Problem Statement**

## Care critters is a website that provides an easy access to pet care services and resources and promotes responsible pet ownership and animal welfare. There are a lot of websites that are providing information about pets but there is lack of access to trustworthy resources, difficulty in finding qualifies doctors, health advises and pet services. In the world, 38.77% to 44.56% people are having pets. But not all the people have knowledge about care tips, health advises etc.

## **Problem Solution for Proposed System**

The proposed system includes the following solutions:

1. It provides best care tips for the care of pets.
2. Its provides best health advice for the pets.
3. It provides Best training videos for pets.
4. It also provides best recommendation of veterinarian.
5. It also provides best pet services.

## **Project Overview Statement**

Care critters is a web-based platform designed to provide a centralized hub for pet owners to access reliable information, connect with qualified pet care professionals, and find supportive community resources. The platform aims to address the common challenges faced by pet owners, including access to trustworthy resources and finding qualified professionals. By providing a comprehensive and user-friendly platform, this project aims to improve the lives of pets and their owners, while also promoting animal welfare and responsible pet ownership. It provides a comprehensive guide for pet owners offering care tips, health advises, veterinarian recommendation, training videos and pet services.

## **Related System Analysis/Literature Review**

#### In System Analysis we collect data from different documents, manual and sites.

**6.1 Table 1- Related System Analysis with proposed project solution**

|  |  |  |
| --- | --- | --- |
| **Application Name** | **Weakness** | **Proposed Project Solution** |
| **Care Critters** | * Websites does not provide recommendation of professional doctors. * Pet owners don not get best pet services through other websites. | * It provides solution to a problem by providing veterinarian recommendation. * Care critters provides best pet services to pet owners. |

## **Pros/Benefits of Proposed System**

With this we have multiple advantages like.

1. Easy connection with qualified professionals: Find and connect with experienced pet care professionals in their area.
2. Convenient access to trustworthy resources: Reliable information on pet care and wellness at their fingertips.
3. Providing pet services: Provides best and reliable pet services.
4. Providing

## **Scope**

#### The scope of the Care Critters Website encompasses the design, development, and deployment of a comprehensive online platform that provides pet owners with trustworthy resources, connects them with qualified pet care professionals, and fosters a supportive community .The project's functional scope includes creating articles, guides, and videos on pet care and wellness, a directory of pet care professionals, a community forum, a pet supply store, and personalized pet profiles with tracking features.

## **Modules**

1. Login & sign up
2. Admin
3. Pet care tips
4. Health advice
5. Training videos
6. Veterinarian
7. About us
8. Buy a critter
9. Donation

## **9.1 Details of Modules**

### **System Administrators**

Administrators are people who add or control data about care tips, health advises veterinarian recommendation etc.

### **End Users/Customers**

The end customer will be the one who visits the website and get tips and advises for their pets and contact to veterinarian.

## **System Limitations/Constraints**

1. Limited medical advice
2. Inaccurate information
3. Lack of personalization
4. Limited emergency support
5. Dependence on technology
6. Limited local resources

**Software Process Methodology**

### **Agile-Scrum Software Model**

* 1. Agile software methodology is a set of repetitive and incremental process models. It is considered to be most flexible and easily maneuverable for restless requirement specifications environments. Unlike other process models where high formality is required and the specifications are expected to be known and verified before the commencement of design, agile models allow the use of increments or possible prototypes that can evolve into a more suited and validated requirements and eventually software application. It gives motivated project teams; informal methods; minimal software engineering work; and overall development simplicity.
  2. There are several evolving agile process models for different design scenarios which are considered flexible, incremental and repetitive in approach. For this project, we would be using

### **SCRUM Process Model**

There are several evolving agile process models for different design scenarios which are considered flexible, incremental and repetitive in approach. For this project, we would be using SCRUM Agile process model because of its support for object-oriented software design.

* An Agile process model follows these activities:

1. Planning
2. Requirements Analysis
3. Design
4. Coding/Implementation
5. Unit Testing
6. Deployment

**Gantt Chart:**

**Tools and Technologies**

Below we mention some of major hardware/software tools and technologies with version number which will be used in implementation of the project.

**Table 2- Tools and Technologies for Proposed Project**

Below we mention some of major tools and technologies which will be used in implementation of our project.

1. Html
2. CSS
3. JavaScript
4. Php
5. MySQL
6. Visual Code Studio
7. MS Power Point

## **Project Stakeholders and Roles**

The project stakeholders and their roles are as:

**Table 3-Project Stakeholders for Proposed Project**

|  |  |
| --- | --- |
| **Project Sponsor** | 1. Binish Yaqoob 2. Kinza Riaz |
| **Stakeholder** | Project Stake Holders with their roles and responsibilities.   1. Admin 2. User |

**Table 4-Team Member Work Division for Proposed Project**

|  |  |  |
| --- | --- | --- |
| **Student Name** | **Student Registration Number** | **Responsibility/ Modules** |
| Binish Yaqoob | Roll No: 049964 | Front-end & documentation |
| Kinza Riaz | Roll No: 050004 | Back-end & documentation |

## **Data Gathering Approach**

## I have gathered all the information from the source of internet, and do self-write.

## **Mock-up**

# Here we are inserting mock-up regarding to our project for reviewing

# 

# References

**There are no sources in the current document.**

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[3] Alvarez-Dionisi, L. E. (2016). Toward defining the vibrant concept of agile project management. *International Journal of Information Technology Project Management (IJITPM)*, *7*(4), 38-51.