**PawCare:**

**Pet Care Monitoring and Tracking System**

**(NESRIN K S-IMCA 244)**

**INTRODUCTION**

In today's fast-paced world, pet owners face numerous challenges in ensuring the well-being and proper care of their beloved companions. Traditional methods of managing pet care, such as paper-based records or disjointed digital solutions, often fall short of meeting the diverse needs of modern pet owners. Recognizing these challenges, the development of an integrated pet care monitoring and tracking system aims to revolutionize the way pet owners interact with and manage their pets' care.

**PROBLEM IDENTIFICATION:**

Fragmented Information: Pet owners often find themselves juggling multiple sources of information, from vet appointments to medication schedules, leading to confusion and oversight.

Limited Accessibility: Traditional methods of managing pet care lack the accessibility and convenience demanded by today's busy lifestyles. Finding pet-related information when needed can be cumbersome, especially while on the go.

Privacy Concerns: With sensitive information scattered across various platforms and devices, pet owners may express concerns regarding the privacy and security of their pets' data.

Lack of Personalization: Every pet is unique, with individualized care requirements. Current solutions may not offer the level of customization needed to cater to each pet's specific needs and preferences.

Communication Gaps: Effective communication between pet owners, veterinarians, groomers, and other pet care professionals is essential for comprehensive care. However, existing methods often fail to facilitate seamless communication and collaboration.

By addressing these challenges head-on, the proposed pet care management system endeavors to streamline the pet care journey, empowering pet owners with the tools and resources they need to provide optimal care for their furry friends. Through a comprehensive and user-centric approach, we aim to revolutionize the way pet care is managed, ensuring the well-being and happiness of pets and their owners alike.

**USERS OF THE SYSTEM**

* Pet Owners
* Groomers
* Trainers
* Veterinary officials
* Shop owners
* Admin

**FEATURES OF THE SYSTEM**

* Health monitoring
* Diet tracking
* Activity tracking
* Grooming, training, veterinary appointments
* Remainders and alerts
* Medical records management
* chat messenger
* Pet memory book
* Integration with veterinary services
* Behavioural analysis
* Social networking
* Adoption features
* Expense tracking
* Online pet stores integration
* Lost and found registry
* promote pet socialization events

**TECHNOLOGIES USED**

* Front-end: HTML, CSS, Bootstrap
* Back-end: Python Flask