

Online Veterinary Clinic Management

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Abstract: *A prerequisite to the development of an efficient animal health, food safety and traceability management system in the animal food production chain is the implementation of an integrated veterinary informational management system (VIMS) capable for the capture, storage, analysis and retrieval of data and providing the opportunity for the cumulative gathering of the knowledge and capability for its competent interpretation. Such a system will enable collecting appropriate data, including quality management and inspection controls, from all establishments and commodities in the farm to food production chain (farms, holdings, slaughterhouses, laboratories, traders etc.) in a structured, predefined format, and facilitate competent analyses and reporting of such data, as well as the improvement of the existing programs and strategies. The role of information system in animal disease diagnosis, surveillance and notification, control of national and international trade of commodities, food safety management, investigation of diseases, predictive microbiology and quantitative risk assessment is of great importance for the quality of veterinary service. Integral part of the VIMS is animal disease notification system designed according to and in compliance with international requirements, standards and recommendation and able to exchange relevant information with similar information systems. The aim of this contribution is to describe national animal disease notification system. A system for management of a veterinary clinic. To make easier the administration of clients, employees, consultation (animal care), services and products. Providing the following basic features: animals, owners and employees registration, services and products maintenance also management of the consults.*

Keywords: Blood group, Patients, Donate, Donor.

I. INTRODUCTION

The main objective of Online Veterinary and Pet Shop Management Information System is to design and develop an online application to counter and eliminate problems encountered in the current manual operation of the business. Specifically, the project will aim for the following objectives:

1. To establish and develop an online platform that will allow the customers to set an appointment with the veterinary.
2. To provide an information system that will help pet owners to know the basics on how to take good care of their pets.
3. To provide an online catalog to display the products and accessories available in the pet shop
4. To provide an efficient way of storing, archiving and updating of records.

II. LITERATURE REVIEW

Pet owners HISB intervention is a multidisciplinary subject; hence, we must select from many areas. The study context and the goal of the literature review helped us to identify which domains should be included in the searching process. We picked the following six subjects that were closely related to our topic; Veterinary Medicine, Health Science, One Health, Library and Information Science, Communication Studies and Human Animal Studies. Electronic databases available through the libraries at the researchers' institution were used to perform the search queries. To identify the relevant literature, we performed three rounds of selection: (1) keyword search, (2) screening the titles and abstracts and (3) screening full texts. The search strategy included all possible combinations of keywords under five broad themes which are presented in the Appendix. We also conducted backward and forward citation searching with Google scholar, Web of Science and Scopus. These processes resulted in 95 publications.

III. OBJECTIVES AND GOALS

The utmost priority is **health care of animals**. Veterinarians at MJF strive to take care of birds, pets, livestock, and animals in zoos and laboratories, where they are being tested & treated Veterinarians protect the humans from diseases carried and transmitted by animals by obtaining hygienic animal products.

IV. IMPLEMENTATION

The website was developed using html, CSS and JAVASCRIPT for frontend and PHP for backend and MYSQL for database. This Website has admin module where he has full control to Adding customer: the veterinary clinic system enables the staff to include new customers to the system. Record customer's basic data. Registration of pet details. search for a pet. Book a time for an appointment. View visit details. Remove medication or procedure from the application. Add medication or a procedure to application. update medication or procedure from the application. track the detailed information of pet, booking, appointment, medicine. doctors can view their patients' treatment records and details easily

V. DATA FLOW DIAGRAM

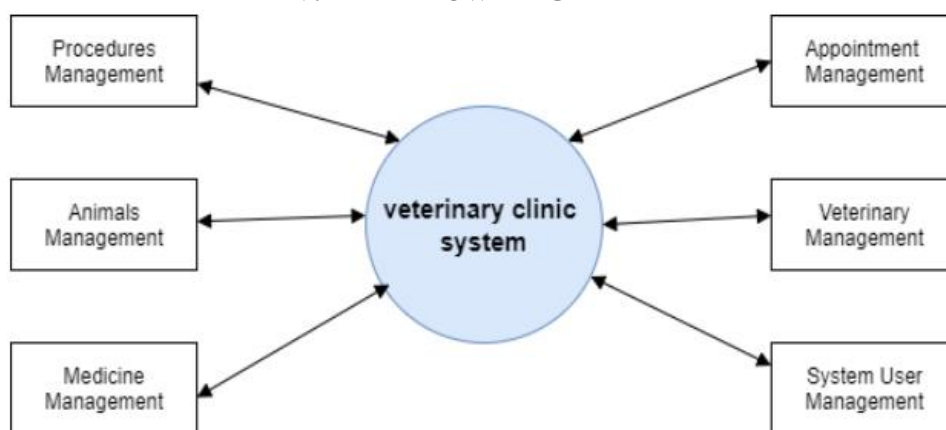


Fig 5.1

VI. CONCLUSION

The system reflects the full requirements of the organization as it was required. The research was successful but with many challenges. The time frame for the research was limited and it was not easy to come up with an all-inclusive list of requirements for the organization. Financial constraints were also a great challenge as not much was available for us to carry out our mandate effectively. Software acquisition necessary to build the system like Microsoft Visual basic and MySQL server software's were not easy to get and they also needed expertise to use. There also were great lessons learnt as well concerning good time management, thorough requirements analysis and preparedness in terms of tools for development.

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