

## **DEVELOPMENT OF A WEB BASED ANIMAL INFORMATION MANAGEMENT SYSTEM**

**J C RAJASINGHE**

Postgraduate Institute of Science, University of Peradeniya, Peradeniya, Sri Lanka

The main goal of the project is to develop a web-based animal information management system of follow up dairy cattle breeding program and animal disease diagnosis. Identify and collect appropriate data and to provide researches an up-to-date repository of information regarding various animal diseases and dairy cattle breeding data. The livestock is one of the most important sectors in Sri Lanka, and it can be defined as the science or practice of farming, including the growing of animals. The main responsibilities of the department of animal production and health are to improve animal health and dairy cattle breeding management of Sri Lanka. Using of the existing system, recording and reporting lot of time and waste of money as it requires quite a lot of man power. Whereas current system requires numerous paper forms, with data stored spreading throughout the department management infrastructure. Multiple copies of the same information exist in the Department and this may lead to inconsistencies in data in various data registers.

The methodology for designing fully automates online web based animal disease information system provides users easier access to their information system and services. We design and implement such an animal health information management system with an integrated back end expert service effectively. This project makes used of user friendly programming languages, tools and techniques. Such as, PHP, MYSQL, HTML, CSS and Java Script, because the PHP can create a "dynamic website" and can interact with a database. This system has many features which are facility of the different user's login and has capable of different type of report generation. Conclusion of the system functionality composed of different functional modules. It has used tools to monitor activities for Department needs. The system has made a big impact on the Department's daily operation.