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# Management of Dairy Farm using PHP and MySQL

Harris Charles F<sup>1</sup> and H. Jayamangala<sup>2</sup>

PG Student, Department of Computer Applications<sup>1</sup> Assistant Professor, Department of Computer Applications<sup>2</sup> Vels Institute of Science Technology and Advanced Studies, Pallavaram, Chennai, India 22304157@veluniv.ac.in and jayamangala.scs@velsuniv.ac.in

**Abstract:** A survey was prepared by the Dairy farming Working Group together with invited milk recording organizations. This paper is one part of this project and focuses on management and organizational questions. The management of recording organizations in the current climate of growing competition is more challenging than ever. The main part of this approach is how to develop a clear relationship with customers and how to provide value to farmers in regard to collected data and samples. New tools of analysis are already very common in some countries, while other participants are now focusing on maximizing increased efficiency in data capturing and processing. In those countries whose workflow is technician-based, training and certification are major components in improving human resources. The reporting of results back to farmers is also a very challenging area. The use of paper and pdf-reports is very common, but new online technologies and smartphone usage now provide new opportunities for farmers to manage information. Real value is created by additional analyses from identified milk samples. The goal was to develop a program that is flexible enough to be useful in a wide variety of management systems by providing reports suited to the individual producer. The existing program already collects farmers, employees, deliveries and their databases respectively other maintenance procedures and performance records

Keywords: Dairy Farm

#### I. INTRODUCTION

The Dairy Management System is to create a dialogue between people in rural areas and dairy management. Our main goal is to develop this application to promote the dairy industry. The Dairy Management System is an all-in-one webbased application for dairy owners. The owner can manage all the data of the dairy members who contribute to the dairy business by paying milk. Managing the data means updating the price of milk as per the market standards, adding the records of the dairy members who have contributed milk, handling the data of the dairy members and automatically generating daily and monthly milk collection reports of each individual. Dairy members on the other side of the dashboard, can see all the details of milk contribution by date as well as create reports according to individual needs. An old method of keeping records of dairy members using pen and paper is not reliable as finding old data can take a long time. The Dairy Management System provides dairy owners an easy way to organize the data of dairy members in one place through a web application. Through the dairy management system, the dairy owner can keep records of the individual's daily milk collection and the same will be credited to the user's account so that both the owner and the user can keep track of past records. Also, the dairy owner gets a few more options in the dashboard. Only the owner can verify the user's account after the user registers in the system. With this, the owner can keep track of daily total collection, total revenue, total expenses, and collection between two dates. Both the user and the owner can receive receipts from their account for milk related contributions and collection related transactions respectively. Keywords: - Dairy, Web Application, dashboard, transactions

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### **II. PROBLEM STATEMENT**

Most dairy owners keep their records in register books which is not reliable as it may be lost somewhere or a little difficult to manage. Also, finding records of each individual's specific period is a time-consuming process. Using a dairy management system, the dairy owner can keep a record of all dairy members by organizing data in one place and this is the most reliable system as the owner can access the dashboard from any device.

#### **III. PROPOSED SYSTEM**

**IV. SYSTEM ARCHITECTURE** 

The development of the new system contains the following,

- User friendliness is provided in the application with various controls.
- The system makes the overall project management much easier and flexible.
- There is no risk of data mismanagement at any level while the project development is under process.
- It provides a high level of security with different levels of authentication.

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## VI. CONCLUSION

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in PHP and MySQL web based applications. It also provides knowledge about the latest technology used in developing web enabled applications and client server technology that will be in great demand in future. This will provide better opportunities and guidance in future indeveloping projects

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independently. As our research concept is unique and has resulted in interesting results, in-depth research covering a more representative sample of the user group should be carried out in the future. Instead of an online survey, it would be better to use questionnaire interviews in the field involving more respondents. Such research is difficult and costly to carry out, but it will provide detailed information for analysis.

## VII. FUTURE SCOPE

It's not possible to develop a system that meets all the requirements of the user. The requirements of the user keep changing as the system is being used. Here we can't make any changes or update things because there are no requirements for it. Some of the future enhancements that can be done are, changing the payment methods and updating the product list

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