

Dairy Farm Management

Project Proposal

Client Name:

Dr. Taimoor Khan

Submitted by:

Hafiz Mehmood Munir
Ali Husnain
Hafiz Bashir Ahmad
Faryal Ishfaq
Muhammad Hamza Qureshi
Mehboob Ali

Project Details:

Location: COLAB, Fast Nuces.

Project Duration: 3 months

Total Budget: Rs. 5000

Proposed Payment Installments:

No installments

SUMMARY:

In this project, we aim to provide all the information of the cow and the system to the user/customer to assure quality products. This project will manage the overall system of a Dairy Farm. Initially, this involves the buying of cows and the food/vaccinations for them. Each cow has a number and is registered. The Dairy Farm has users including the Managers for the life cycle, health and feed of the cows to produce milk. The users also include the Accountants for managing the sales. There are managers for viewing the performance of the workers that take care of the cows, provide food etc to them and to carry the milk from cows to the pool. In the sales management, we have accountants for three categories for the selling of milk, the packed milk to companies and selling in the market, the Milk Delivery System through Milkmen and providing the milk to the shops. The buying of cows for the farm has another sub managing teams for the arrival of cows in the farm. The managing team views the cows of different breeds of cows, including the health of the cows, providing the specific food and medication to the cows according to their life cycle, age and health conditions.

The managers, accountants and the employees that work there have duties in their own departments. The process of calculating expenses of the food and health of the cows has a separate accountant while the one to handle the sales has another. There are three ways for the milk to be sold as mentioned. For each of this category, the milk is divided to be packaged accordingly and the quantity to be calculated. The performance of cows is monitored with the life cycle as due to aging process the cow might not produce more milk. In such a situation, the cows are sold for slaughtering and the sales are calculated there too by the respective accountant. The employees view the work done by the workers, including the carrying the milk to the pool and views the amount of food provided to cows as some cows need special care and the expenses of the feed and health care takers. After sales of milk from the Dairy Farm, investing more on the profitable process is also in the long-term plan.

Background And Justification:

When we google dairy farm systems, we came across lot of dairy farm management system, but in every management system they are working for specific thing make their system compatible for only one use case. Previously dairy farm systems are working in such a way that they can only provide one on smaller scale deal only with home delivery they can not deliver milk to shop. And other dairy farm system are working only to provide milk to shop they are not interested in supplying milk to homes directly but some of the good dairy farm systems provide both things but they missed the third one to make it a brand and sale it out with your brand name like good milk, olpers etc. The thing is that we want to combine all the three things and make architecture for it and in future it will help our client in expanding the business. When our client wants to expand the business to other cities our system will help him in describing which first thing they have to launch, the next city. We can do different things on different levels locally we can

provide milk to shops and home deliver them to customers through home delivery system we have brand name we can use our brand to sell it out to other cities and even countries

Requirements:

The CEO/Admin of the Dairy Farm will be provided with admin account that has access to all the data of employees and the management system.

Only the CEO/Admin can create further accounts of managers, employees, accountants and workers.

The account has its username and password to verify whether employee's data is available or not.

For new account creation of accountant, employee or worker, the Name, Father Name, CNIC, Gender, Phone, Address, password as an input.

The manager of cow's expenses has the data of the cows, including their registration number, age etc, the selling of cows and the accountants to calculate the expenses for the cows including their food and vaccinations.

The manager of the sales department has the data of the shops and customers and the accountants to calculate the profit/loss.

The manager of the salaries department has the data of managers, accountants and employees.

Team:

Our team consists of six members, who are aware of the project requirements and possess all the required skills to complete the project.

Front End: Ali and Hamza are handling the Front End of the software.

Back End: Mehboob and Bashir are managing the back end of the software.

Management: Faryal and Mehmood are managing the internal team meetings, the external meetings with the clients and accounting. Team members have well understanding of design and implementation, which make us a consistent team.

OBJECTIVES:

This system will provide easy accessibility of milk to customers at their home.

This system assures, providing high quality milk to the shops, delivering to customers through milkmen and at their home and safe packaging of milk for sale.

On the website, providing the details of cows, including their monitoring and health.

Budget:

We have the workspace COLAB, for the meetings of project members. We require Rs. 3000 to travelling and meet the client. For the food expenses, Rs. 5000 is required.

1st Deliverable:

Dividing the group into subgroups and assigning tasks to the group members. Analyzing the project requirements and checking the feasibility for it.

Proposed Solution:

We've identified the tasks and divided the group members into sub groups. Two members work on the backend two work on the frontend, including design and implementation. The 3rd group handles the documentation and accounting cycle.

Communication Log:

Date: 7th October, 2019

Members attended:

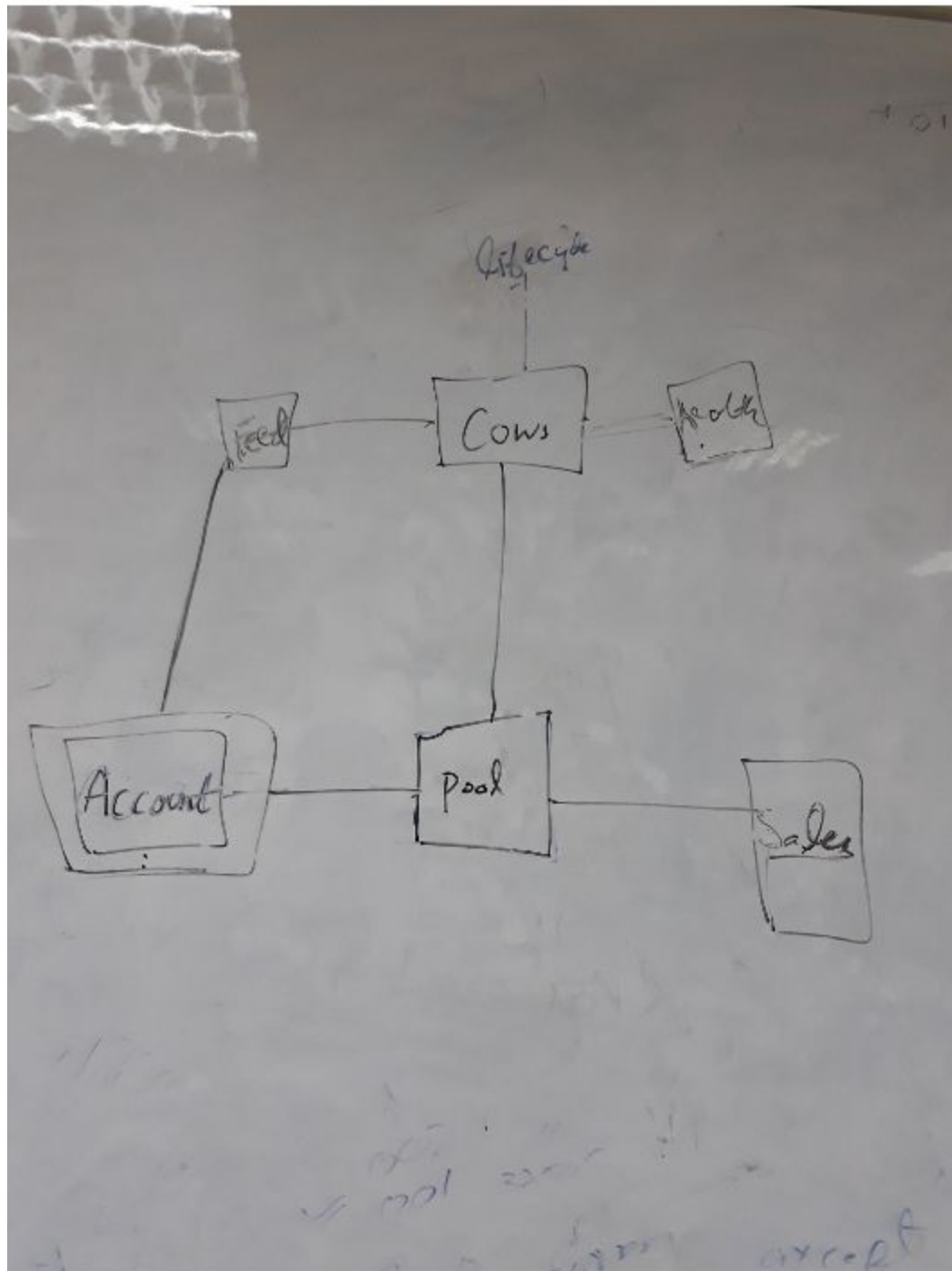
All members attended

Agenda discussed:

The management of the project, the feasibility and flow. The team also discussed the flow to implement the design and analyze it.

Agreed points:

The packaging of milk and delivering it through milkmen to customers at their home.



OOAD-CS-309

Mehmood

Jump to...

Threads

Channels

analysis

artifact

dairy-farm

design

general

implementation

meeting-minutes

random

requirement

+ Add a channel

Direct Messages

Slackbot

Mehmood (you)

ALI HUSNAIN

Faryal

Hamza Qureshi

p176079

+ Invite people

Apps

+ Add apps

#general

5 | 0 | Company-wide announcements and work-based matters

Search

@ ☆ ⋮

Sunday, October 6th

Mehmood

10:29 PM

joined #general along with 4 others.

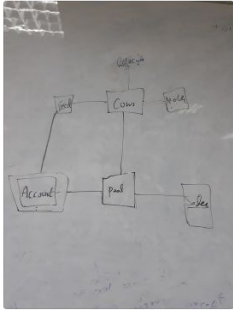
Monday, October 7th

Faryal

2:40 PM

Rough sketch of dairy farm management system.

20191007_131012.jpg



Today

Faryal

4:44 PM

@ Message #general

@ ☺

