HIGHTECH SOLUTIONS.

FOR:NAROK DAIRY COOPERRATIVE

PROJECT SCOPE

31/12/2021

Overview

1.PROJECT BACKGROUND AND DESCRIPTION.

Narok Dairy Cooperative in a Milk Cooperative in Narok that deals with milk collection from farmers in the area.Much of it’s operations are done manually and thus the need to Automate the processes which include:

1.Milk collection both in the AM and PM

2.Calculation of kgs of milk collected.

3.Calculation of milk collected per member of the cooperative

4.calculation of rejected kgs and accepted kgs.

2.PROJECT SCOPE

In order to achieve the above mentioned tasks above the system should be able to:

1.Alert users in case of wrong data entry

2.Process the collected milk kgs to give the accepted milk kgs

3.Keep a record of all kgs that were collected all over the month

Functionalities that will be achieved on a high level are:

REGISTRY MODULE

The module will involve:

1.New member registration

2.Member management submodule

3.Making of changes to members will be enabled from here.

4.The member exit process will be done from here

MILK MANAGEMENT MODULE

The module will involve:

1.The module will be responsible for capturing of the kg’s of milk collected

2.Calculation of milk kg’s accepted from those collected

3.It will give detailed reports on milk collection .Enabling the user to generate reports from filters

Of their own choice.

3.High level-Requirements

The system must include the following:

1.Ability to be able to interact with data from different sources

2.Ability to import data into the system

3.Ability to export data from the system to the outside environment

4.Deliverables

1.The host sever which will hold the backend of the whole system.

2.A user documentation manual.

3.Technical Documentation.

5.Affected Parties

1.The milk collection clerk.

2.The Management

6.Affected Businesses processes

1.The member registration process

2.The milk collection process

3.The reporting process

7.Spicific Exclusions From Scope

1.A mobile app to enable users interact with the system from outside.

8.Implementation Plan

The system implementation will Start with the development of prototypes which the cooperative officials will highly interact with .Giving necessary feedback from which the changes will be done .It’s after the satisfaction of the officials that the system will be made fulfilling all the necessary requirements.

9.High-Level Timelines

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| Date | Description | comment |
| 03/09/21..20/09/21 | Prototype development |  |
| 22/09/21..05/10/21 | Registry Module |  |
| 06/10/21..16/10/21 | Milk Collection module |  |
| 17/10/21..22/10/21 | Officials Training |  |
| 24/10/21..05/11/21 | Staff training |  |
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Approval and Authority to proceed

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| --- | --- | --- | --- |
| NAME | Title | Signature | Date |
| Nicholas Mnati | Mr. |  |  |
| James longh | Mr. |  |  |
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