

**A
PROJECT REPORT**

ON

“Dairy Milk Management System”

FOR



Arts, Commerce & Science College, Sonai



SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

BY

Mr. Dhokane Abhishek Keru

Mr. Yadav Rushikesh Jalindar

Under the Guidance of

Shri. Doifode S.K

Shri. Bahirat M.R

IN PARTIAL FULLFILLMENT OF BACHELOR OF COMPUTER APPLICATIONS

FOR THE ACADEMIC YEAR

2020-2021



Mula Education Society's
ARTS, COMMERCE & SCIENCE COLLEGE SONAI

Tal. Newasa, Dist. Ahmednagar - 414105. Ph./Fax : (02427) 231384

E-mail : sonaicollege@yahoo.co.in

Website - www.acssonaicollege.com

Affiliated to Savitribai Phule Pune University (I.D.PU/AN/ASC/031/1989)
NAAC REACCREDITED 'A' GRADE and ISO 9001 : 2008 CERTIFIED

Date:

CERTIFICATE

This is to certify that **Mr. Dhokane Abhishek Keru & Mr. Yadav Rushikesh Jalindar** rebonafide students of **Arts, Commerce and Science College, Sonai** have successfully completed the Mini project work as prescribed by the Savitribai Phule Pune University, Pune in the partial fulfillment of the requirement of Third Year, Bachelor of Business Administration (Computer Application). Program for the academic year **2020-2021**.

The Project Work titled as "Dairy Milk Management System"

Shri. Doifode.S.K

Project Guide

Shri. Darandale .S.R

H.O.D.

External Examiner

Internal Examiner

ACKNOWLEDGEMENT

At every outset we express my gratitude to almighty lord for showering his grace and blessings upon me to complete this project.

Although our name appears on the cover of this book, many people had contributed in some form or the other form to this project Development. We could not do this project without the assistance or support of each of the following we thank you all.

We wish to place on my record my deep sense of gratitude to my project guide, for his constant motivation and valuable help through the project work. Express my gratitude to **Dr. Laware S.L.(Principal)** and **Dr. Darandale S.R. (H.O.D.)** of **Arts, Commerce & Science College, Sonai** for her valuable suggestions and advices throughout the **B.B.A(CA)** course. We also extend my thanks to other faculties for their Cooperation during my Course.

Finally, we would like to thank my friends for their co-operation to complete this project.



Mr. Dhokane Abhishek Keru



Mr. Yadav Rushikesh Jalindar

DECLARATION

We hereby declare that the project work entitled, “**Dairy Milk Management System**” submitted under the guidance of **Shri. Doifode S.K.** is our original work completed under the four walls of our institute.

The Report submitted is our own work and has not been duplicated from any other source. We shall be responsible for any unpleasure moment/situation.

 **Mr. Dhokane Abhishek Keru**

 **Mr. Yadav Rushikesh Jalindar**

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INTRODUCTION

Dairy Milk Management System is help to owner for storing all kinds of milk related information in project. Dairy Milk Management System is including module customer, Milk and Bill. A project Dairy Milk Management System, which is developed to help the technical experts of database purpose. In this project owner can store various details of milk. Owner easily generate the report of stocks.

It can also store information about Customer likes Id, Name , Mobile No, etc. Using this, owner can stay record about their customer. In it they can store their daily report of daily transaction.

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Thus vb 6.0 was chosen as background to design this application.

In this world of growing technologies everything has been computerized. With large number of work opportunities the Human workforce has increased. Thus, there is a need of a system which can handle the data of such a large number of customer in an village. This project simplifies the task of maintain records because of its user friendly nature.

EXITING SYSTEM

The work that was being carried out with the help of manual system had to be transferred to the computer & internet for variety of reasons.

- 1) The manual system is slowly being passed out and all the activities that are being carried out by manual system are to taken into care of by the computer system.
- 2) There were many systems that demanded computerization but were not being covered by the manual system.
- 3) Actual time required for solution of particular task takes lot of time but computer system it is very fast and easy by using query facility.
- 4) In manual system reports, storage, calculation and other documentations takes more time that causes delay in processing, so by computerization of the system this delay processing problem is solved.
- 5) In the existing system the user cannot get fast service, but by computerization it is done much faster.

SCOPE OF SYSTEM

- This system provides security.
- It also helps to maintain Customer records.
- It helps to update milk details quickly & easily.
- It helps to maintain database accurately.
- Since proposed system is computerized, so fast calculation is done.
- It is time saving since it maintains record accurately.
- It does manual task of existing system automatically in effective and efficient manner.
- It provides user friendly GUI.

Through this Laptop system it is possible to print various reports require for the organization.

Scope of the system is as following: -

- 1) Maintain ace of master file.
- 2) Data entry for various transactions.
- 3) Printing of various reports.

For all of this clear information and understanding should have done regarding system. The proper documentation should be necessary

. proper normalization and creating database files should have done properly also various designing should have done.

Finally, the system should have tested properly be tally reports that can be giving much experience in system development.

SYSTEM ANALYSIS

❖ FACT FINDING TECHNIQUES

1. Interview:-

During the system study, information of customer of the system have to be taken. We have to show them the data of the system.

2. Observation:-

The basic information about various activities that are carried out can be studied through observation. This method was used to how the documents are handled and to understand the actual manual process.

3. Record Review:-

Documents study is also helped in determining the Input and output of the system. In this type of technique, as we have to study the existing/previous records and reports that helps us in generating an overview for our new system which is to be designed.

❖ FEASIBILITY STUDY

An important outcome of preliminary investigation is determination that the system requested is feasible. There are three aspects of feasibility study as follows.

1. Technical Feasibility Study: -

The main aspects of technical feasibility study in Dairy Milk Management System that it is secured by password that will not allow the unknown person to access the system.

2. Economical Feasibility Study: -

The proposed system is economically feasible because the cost of hardware and software installation and maintenance is affordable.

3. Operational Feasibility Study: -

The proposed system being user friendly, it can accept by anybody who has the basic knowledge of computer. This computerized system is very easy to understand.

❖ Hardware and Software Requirement

- Software Requirements:
- “The utility programs which are required to drive the Hardware of the computer are called software.”

Operating System : Windows7/10

Technology: VB 6.0

Front-End: VB 6.0

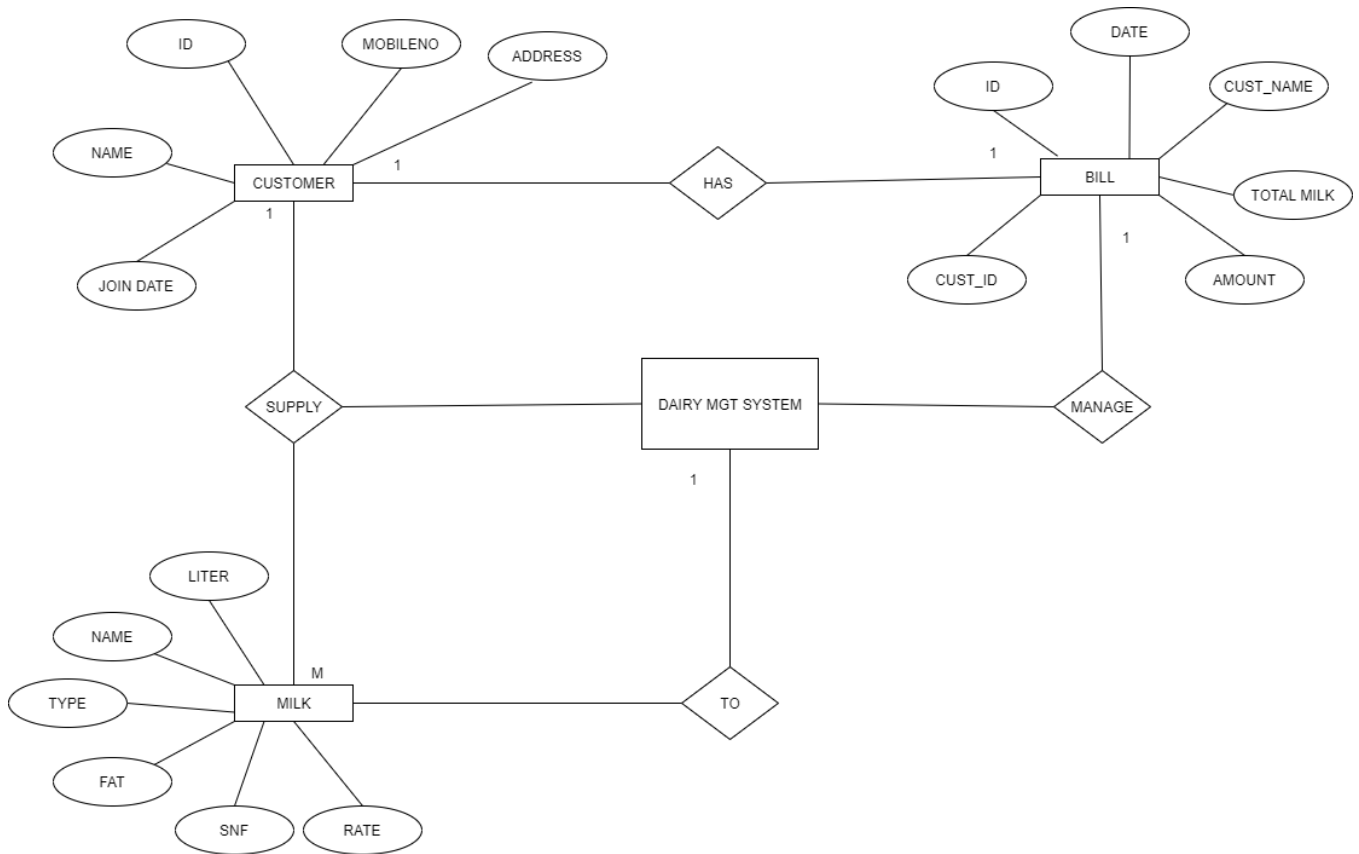
Back-End : MS-ACCESS

Crystal Report Control

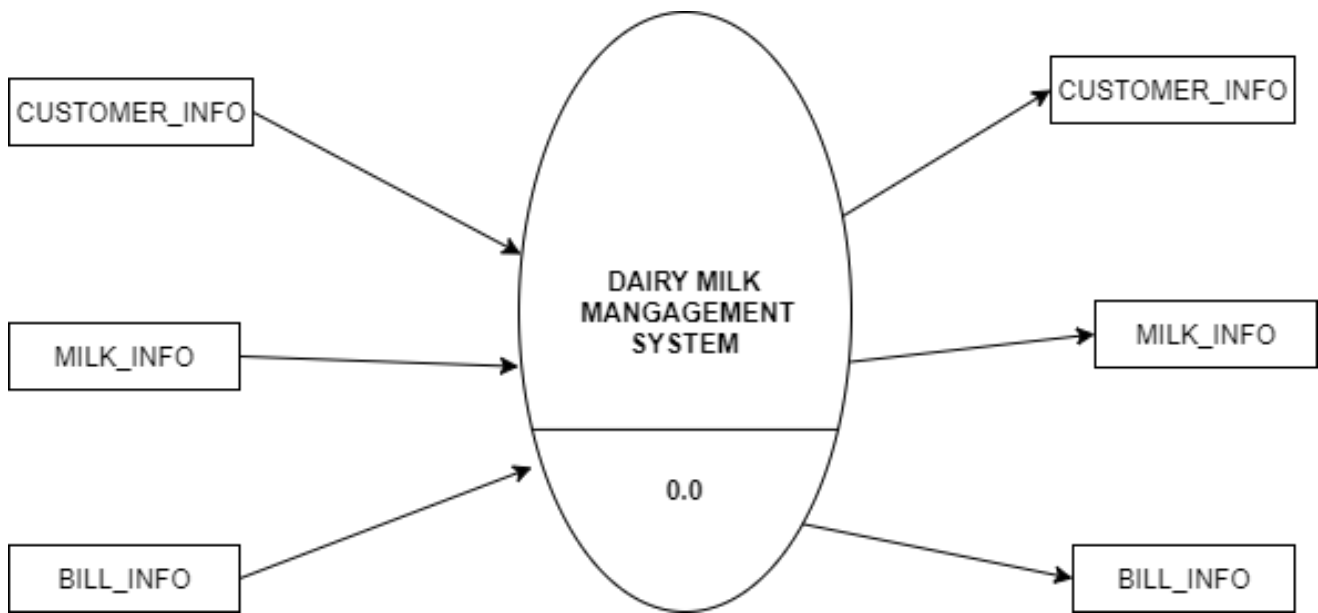
- Hardware Requirements:-
- “The entire physical equipment’s i.e. Input device, processor, output device and inter connecting equipment of computer is called as hardware”
- Processor – i3
- Hard Disk – 5 GB
- 1 GB of RAM
- Keyboard/Mouse
- LCD Display

SYSTEM DESIGN

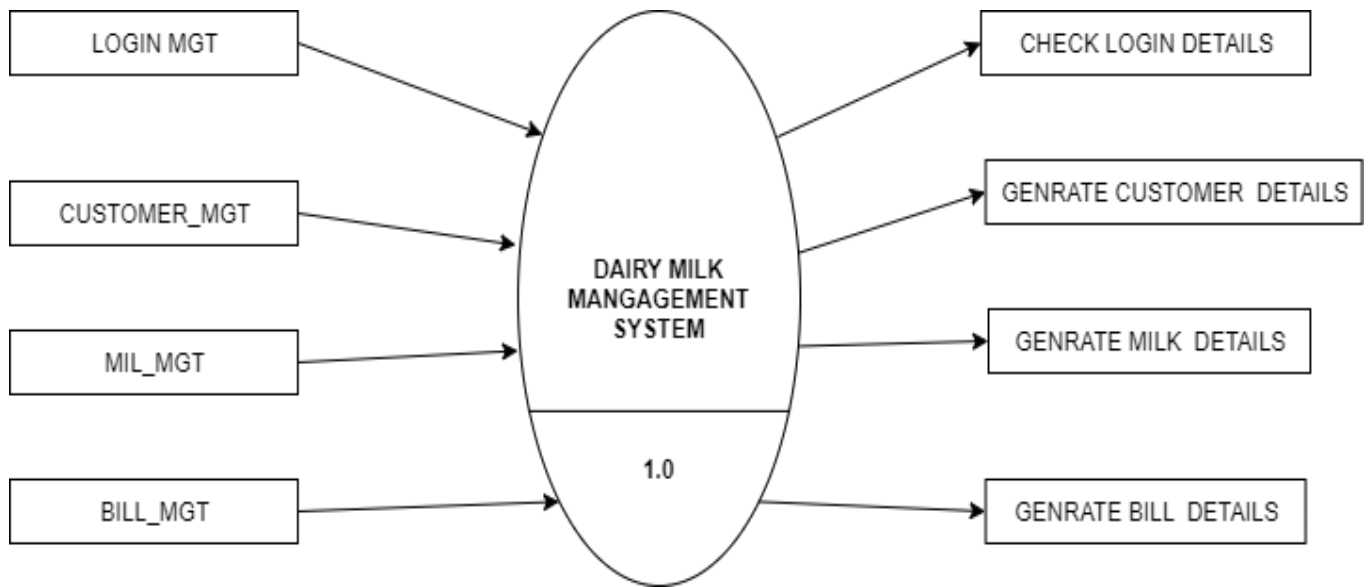
E-R diagram



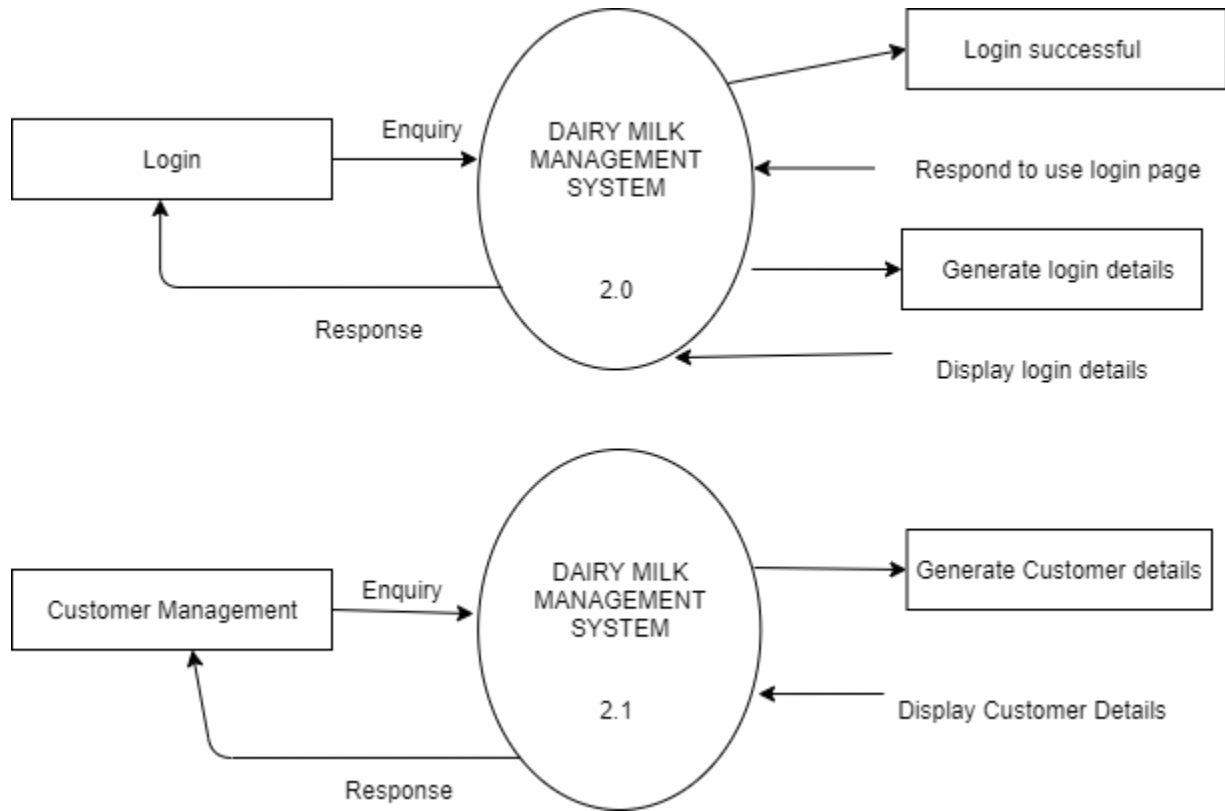
Data Flow Diagram (Level 0)

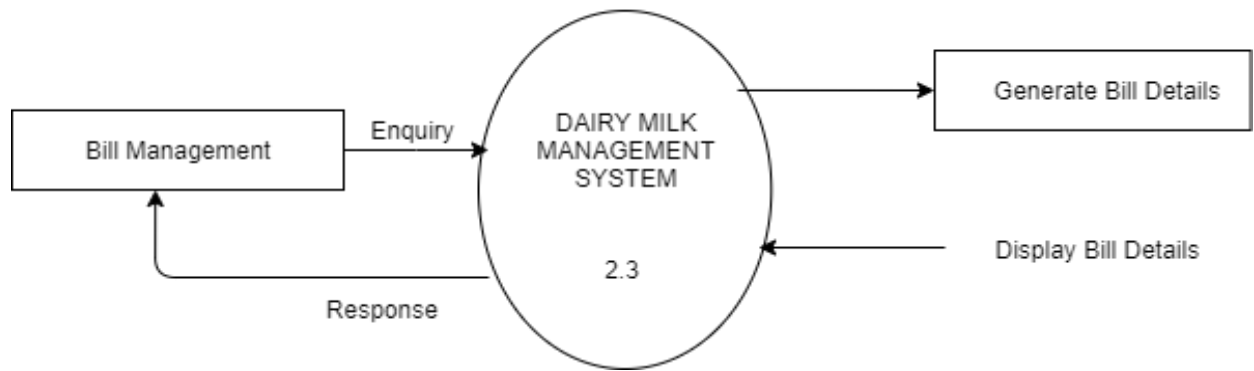
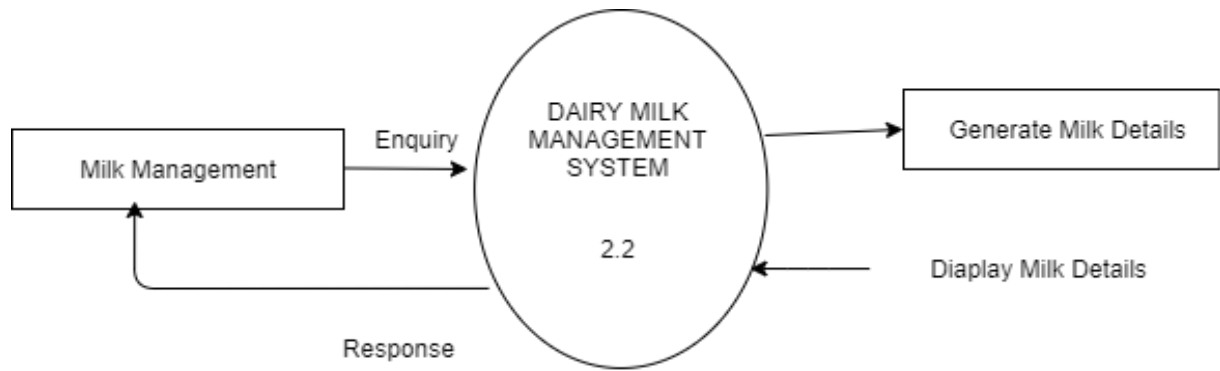


Data Flow Diagram (Level 1)



Data Flow Diagram (Level 2)





FILE DESIGN

1. Customer Master

FILED NAME	TYPE	WIDTH	CONSTRAINTS
Id	Number	10	Primary Key
Name	Text	25	
Join Date	Date		
Mobile No	Number	10	
Address	Text	20	

2. Milk Master

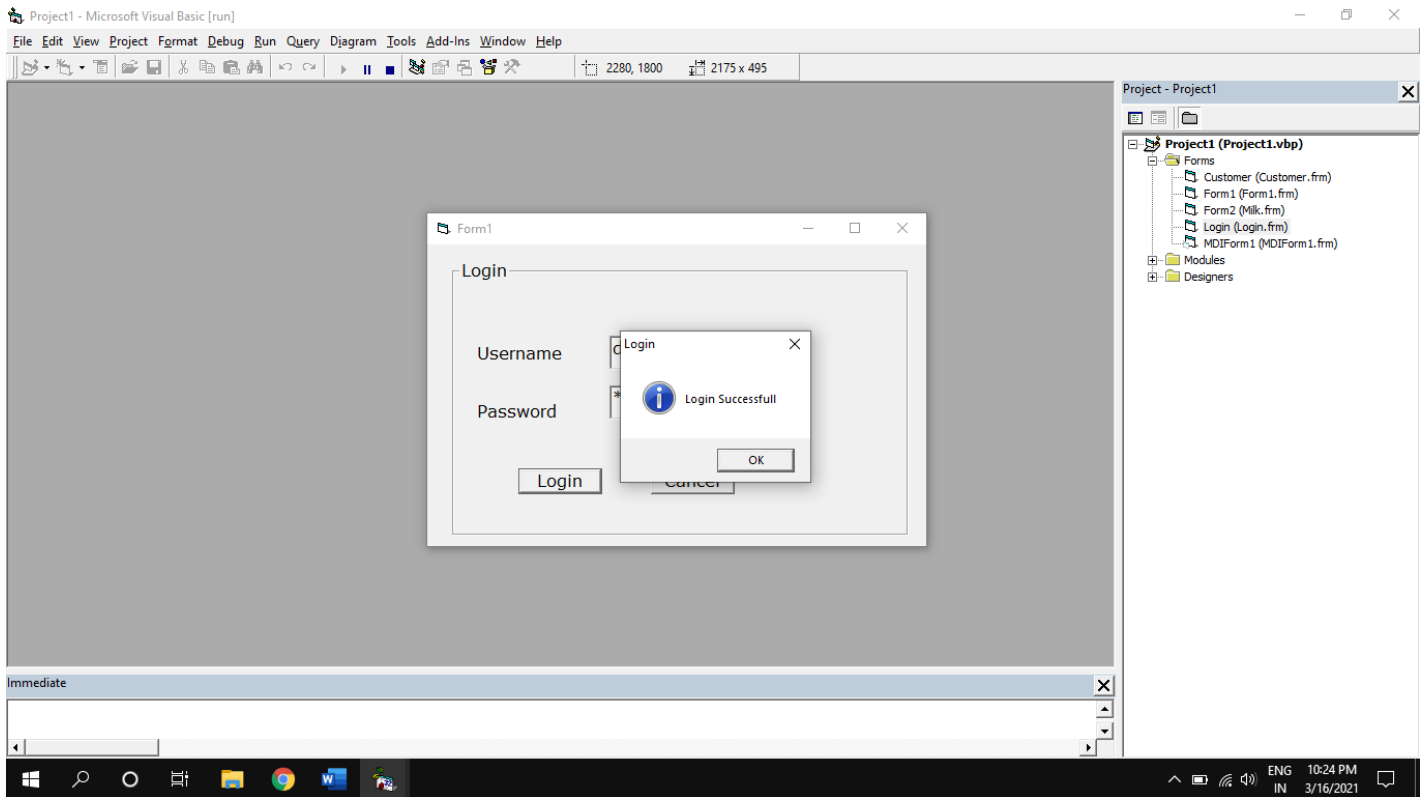
FILED NAME	TYPE	WIDTH	CONSTRAINTS
Type	Text	10	
Cust Name	Text	25	Foreign Key
Liter	Number	10	
Fat	Number	15	
SNF	Number	10	
Rate	Number	05	
RS	Currency	10	

3. Bill Transaction

FIELD NAME	TYPE	WIDTH	CONSTRAINTS
Id	Number	10	Primary Key
Cust id	Number	10	Foreign Key
Cust Name	Number	25	Foreign Key
Total Milk	Number	10	
Amount	Number	10	
Date	Date	-	

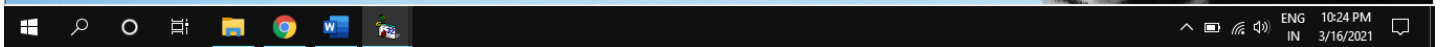
FORM DESIGNS (WITH INPUT)

Login Form



MDI Form

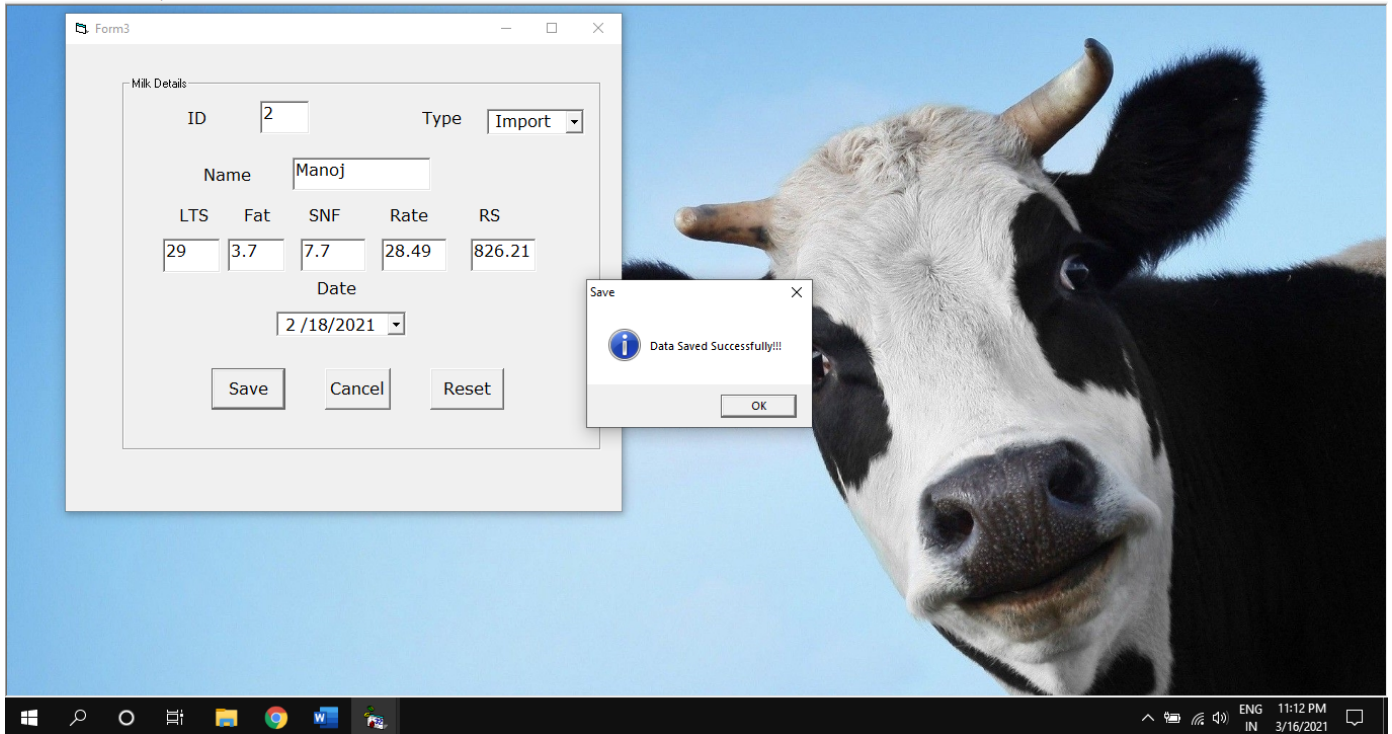
MDIForm1
Customer Milk Bill Report Exit



ENG 10:24 PM
IN 3/16/2021

Customer Registration

The screenshot displays a Windows desktop environment. At the top, a menu bar for 'MDIForm1' includes 'Customer', 'Milk', 'Bill', 'Report', and 'Exit'. The main background is a photograph of a black and white cow's head. Overlaid on this is a 'Form2' window titled 'Customer Details' with the following fields: 'Id' (3), 'Name' (Abhishek), 'Join Date' (2/28/2021), 'Mobile No' (9654785215), and 'Address' (Umbre). Below these fields are 'Save', 'Reset', and 'Cancel' buttons. A smaller 'Save' dialog box is open, displaying a blue information icon and the text 'Data Saved Successfully!!!' with an 'OK' button. The Windows taskbar at the bottom shows the Start button, search icon, and several application icons. The system tray on the right indicates the language is 'ENG IN', the time is '10:25 PM', and the date is '3/16/2021'.



Milk Details

ID Type

Name

LTS	Fat	SNF	Rate	RS
<input type="text" value="29"/>	<input type="text" value="3.7"/>	<input type="text" value="7.7"/>	<input type="text" value="28.49"/>	<input type="text" value="826.21"/>

Date

Save

Data Saved Successfully!!!

Form1

Bill

ID	2	Cust_ID	2
Name	Manoj		
Total Milk	29		
Amount	826.21		
Date	3 /16/2021		

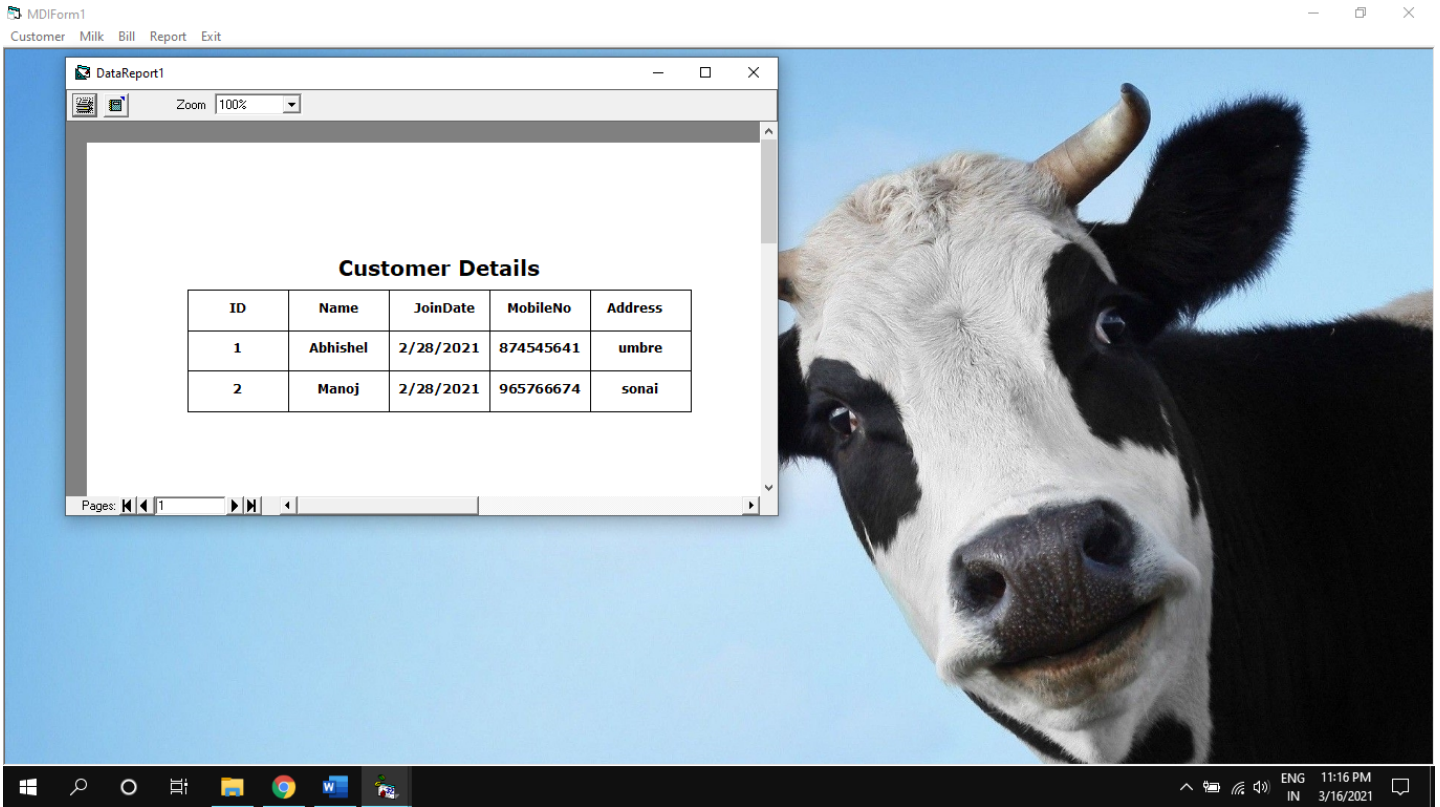
Save Cancel Reset

Save

ⓘ Data Saved Successfully!!!

OK

Report:



The screenshot shows a Windows desktop environment. The background is a close-up photograph of a black and white cow's head. In the foreground, there is a window titled 'DataReport1' with a menu bar containing 'Customer', 'Milk', 'Bill', 'Report', and 'Exit'. The window has a zoom level of 100%. The report content is as follows:

Customer Details				
ID	Name	JoinDate	MobileNo	Address
1	Abhishel	2/28/2021	874545641	umbre
2	Manoj	2/28/2021	965766674	sonai

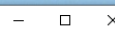
The Windows taskbar at the bottom shows the Start button, search icon, task view icon, and several application icons including File Explorer, Chrome, Word, and Paint. The system tray on the right displays network, volume, and language settings, along with the date and time: ENG IN 11:16 PM 3/16/2021.

MDIForm1



Customer Milk Bill Report Exit

DataReport2



Zoom 100%

Milk Details

Type	Name	Liter	Fat	SNF	Rate	Rs	Date
Import	Abhishek	26	3.6	7.6	27.36	711.36	2/18/2021
Import	Manoj	29	3.7	7.7	28.49	826.21	2/18/2021

Pages: 1



ENG 11:17 PM
IN 3/16/2021

MDIForm1

Customer Milk Bill Report Exit

DataReport3

Zoom 100%

Bill Details

ID	Custid	Name	TotalMilk	Amount	Date
1	1	Abhishel	26	711.36	3/16/2021
2	2	Manoj	29	826.21	3/16/2021

Pages: 1



ENG 11:22 PM
IN 3/16/2021



ADVANTAGES AND LIMITATIONS

Advantages:-

1. Easy to keep record.
2. Easy to add new Customer Details.
3. Easy to add milk details.
4. Easy to generate Bill.
5. Easy to maintain Customer details.

Disadvantages:-

1. Less security (Login Information not encrypted).
2. Not available for online users.
3. Single user Interface.

FUTURE ENHANCEMENT

1. Multiuser interface implementation.
2. More security to data.
3. Online availability.

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- Mastering in Visual Basic
-By Evangelos Petroutsos

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- www.w3school.com