

SYNOPSIS

INTRODUCTION :

TITLE OF THE PROJECT: “DAIRY-COMPANY DETAILS AUTOMATION SYSTEM”

The Project “Dairy Company Details Automation System” Keeps Day to Day Records of the Company Secured and It Contains the Records of the Company Administrator, dealers of the Company, and Formers of the Company. It Also contains the Everyday Milk production details of the Company. Mainly the Project Automates All the Manual Functions. The Name of the Company is “**ABC – DAIRY**” and the company is owned by 3 members “ASHOK, BHANUPRASAD, CHAITHANYA”. The Project is designed and Developed by " AMARJEETH SINGH.B, BHEEMRAY, YERAGORLA.CHANDRABABU.

Nowadays The Technology Growing Rapidly. But the Dairy Companies and the Dealers of the Companies are following Manual Records Only. Maintenance of the Manual Records is Difficult And it Consumes Lot of time and We Need to Put a lot of Effort to Maintain Them Properly.

But this Project is Quite Different from the above-Mentioned Difficulties. In This Project Almost All the Processes are Automated. This Automation Reduces the Time Consumption and Paper Work And Manual Work of the Project Users. The Software is Light Weight and Easy to Use.

EXISTING SYSTEM AND IT’S DRAWBACKS :

Existing System Refers to the System that is being Followed till now. The Existing system requires more Computational time, more manual calculation and the complexity. The other disadvantages are lack of Security for the data, Deficiency of Data Accuracy, Time Consumption, Etc. (Disadvantages elaborated in the below Section). To avoid all these Limitations and make the working more Accurately the System needs to be Computerized.

In the Existing System That is Still Followed by the Company has the following drawbacks.

- 1) Lack of Security of the Data.
- 2) More Man Power needed.
- 3) Time Consuming.
- 4) Consumes a large amount of Paperwork.
- 5) Need Manual Calculations.
- 6) Need to Carry the Records by Hands.
- 7) The Bugs and Insect May Damage the Paper-Based Records.

To Avoid all these Limitations and make the working more Accurately the System needs to be Computerized.

PROPOSED SYSTEM AND IT'S ADVANTAGES :

The proposed system aims to develop a System of improved facilities. The Proposed System Can Overcome all the limitations of the existing system. The system Provides Proper security and reduces manual work. The Existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the users to reduce the workload and mental conflict. The proposed system helps the user to work user-friendly and he can easily do his jobs without time lagging.

The Project Requires a Very minimum number of Resources and this will work in almost all configurations. The Project Contains a very simple UI, Easy to Understand and Use. The Project has got the Following Features.

- 1) Minimize Modular Data Entry.
- 2) Ensure Data Accuracy.
- 3) Minimum time needed for the Various Processing.
- 4) Greater Efficiency.
- 5) Better Service.
- 6) Easy Data Maintenance.
- 7) Easy Data Access.
- 8) The Data in Online is Safe and Secure. (No Physical Damage Will Happen)
- 9) The Data can only able t Access by Authorized Persons Only.

In Addition,to these Features, We Can Able to add Some more New Features in the Feature. To the Project to Make the Project More Efficient.

SOFTWARE & HARDWARE SPECIFICATIONS:

- | | | |
|-------------------------|---|------------------------------------|
| 1) Operating System | : | MS WINDOWS XP SP2 or Above |
| 2) Front End Technology | : | Visual Studio 6.0 |
| 3) Back End Technology | : | MS Access 2017 |
| <hr/> | | |
| 4) Processer | : | Intel Pentium IV 24 GHz (or) Above |
| 5) Clock speed | : | 500 MHz or Above |
| 6) System Architecture | : | 32-Bit or 64-Bit Architecture |
| 7) RAM | : | 256MB or Above |
| 8) HDD | : | 40 GB or Above |

MODULE DESCRIPTION

The Project Contains the Following Modules:

I) Splash Screen

The Splash Screen Contains the Name of the Company and Loading Bar.

II) Welcome Page

The Welcome Page Contains Different Buttons to Navigate to different pages of the Project. In them:

- i) Company Login Window Button
- ii) Dealer Login Window Button
- iii) Former Login Window Button
- iv) Contact us Window Button
- v) About us Window Button

The Menu Bar Also Contains the Same Navigations as Mentioned Above Buttons.

- i) Login
 - Company Admin Login.
 - Dealer Login
 - Former Login
- ii) Contact Us
- iii) About Us

III) Company Admin Login

The Company Admin Login Module Contains A login page After Successful Login the User will be redirected to the Home Page of the Company Admin Login.

The Menu Bar Contains the Below Options.

- i) Dealer
 - Add Dealer
 - Update Dealer
- ii) Former
 - Add Former
 - Update Former
- iii) Reports
 - Milk Reports
 - Dealers Reports
 - Formers Reports
- iv) Contact Us
- v) Change Password
- vi) Logout

IV) Dealer Login

The Dealer Login Module Contains A Login Page After Successful Login of the Dealer the User will be Redirected to the Dealer Home page.

The Menu Bar Contains the Below Options.

- i) Former
 - Add Former
 - Update Former
 - Former Reports
- ii) Milk Details
 - Update Milk Details
 - Milk Reports
- iii) Contact Us
- iv) About Us
- v) Change Your Password
- vi) Logout

V) Former Login

The Former Login Module Contains A Login Page After Successful Login of the Former the User Redirected to the Former Home page. The Menu Bar Contains the Below Options to Navigate to Different Pages Access Provided to the former.

The Menu Bar contains the Below Options

- i) Download Reports
- ii) Contact us
- iii) About us
- iv) Change Your Password
- v) Logout

VI) Contact Us

The Contact us form contains the Basic Information of the company and It also Contains the Contact Information of the Manager of the Company and Assistants Details to Contact the Company. In that Form, it Contains A button on Click of the button user Redirected to Contact & Feedback Form There the User Can Ask the Solutions for the Problems Regarding the Software or the Required information of the user

In Full Project, the Contact Us Form is Same as the Above. And About Us Form is Explained Below.

VII) About Us

The About Us Form Contains Information About the Company. In Full Project, the About Us Option is Same as the Above. The Menu Bar of the About us form contains the “**Login**” Menu Which is as same as explained in the (II)nd section of the Modular Description and Also contains the Ask Your Question Option Which is as same as explained in the Contact us Form.

“There Are Some More Modules to Explain”

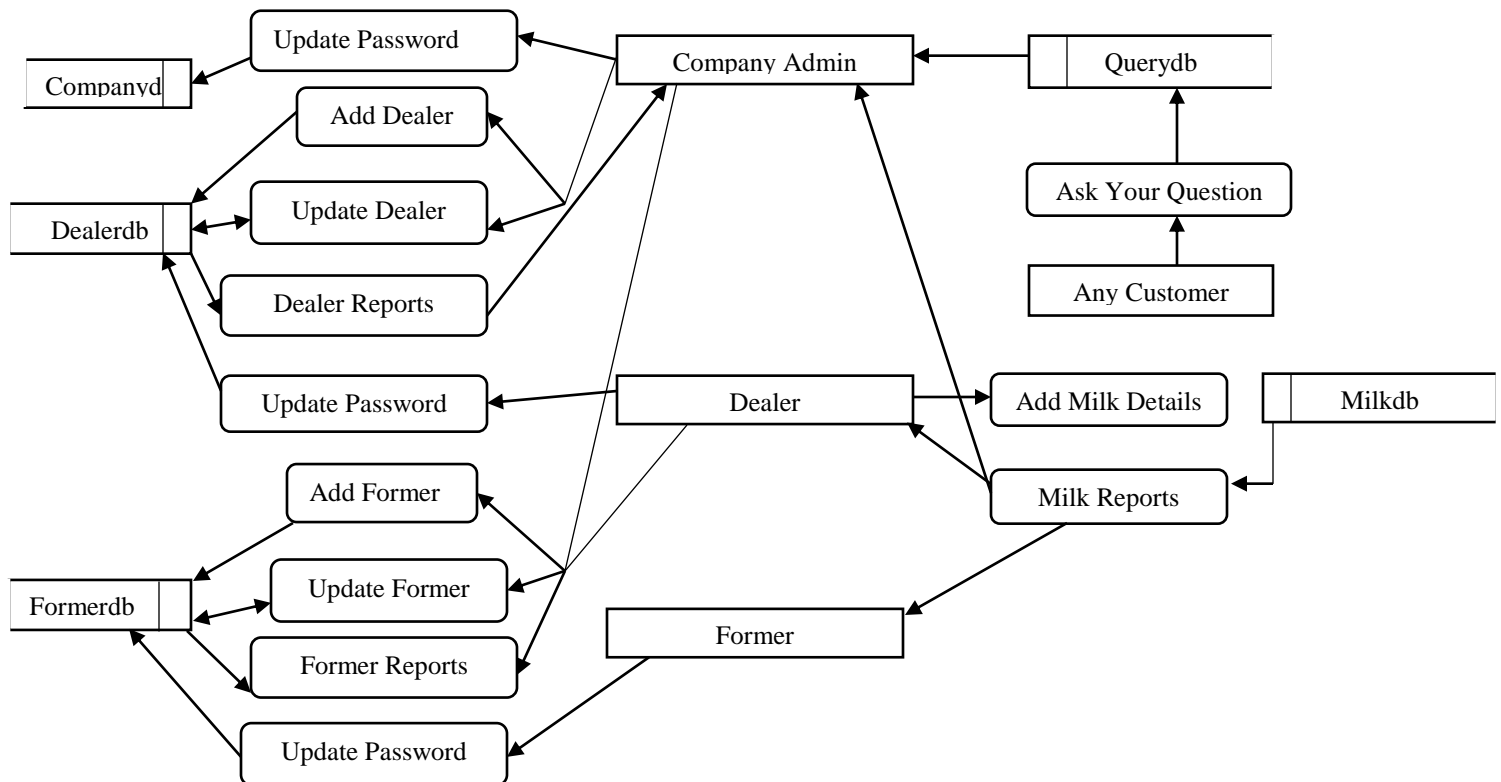
SYSTEM DESIGN :

System Design is the most Creative and Challenging phase in the system life cycle. Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is key to an effective system. System Design is a solution how to Approach the creation of a new system. System design transforms a logical representation of what is required to do into the physical specification. The Specification is Converted into Physical reality during development.

DATA FLOW DIAGRAM :

The Data Flow diagram is a Simple Graphical Representation of the Application. It will be easy to understand the Project by Data Flow Diagram.

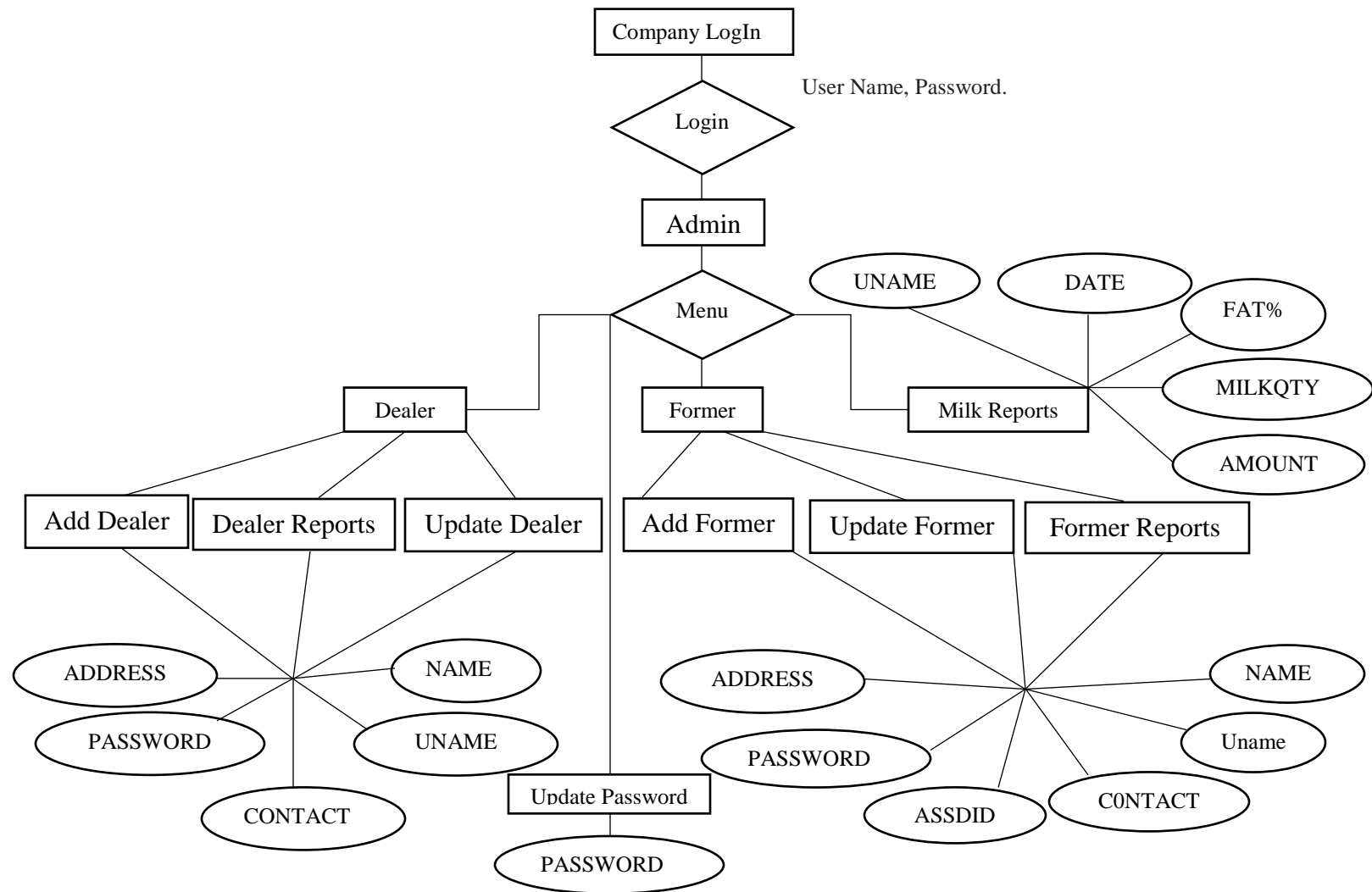
Project Data Flow Diagram:



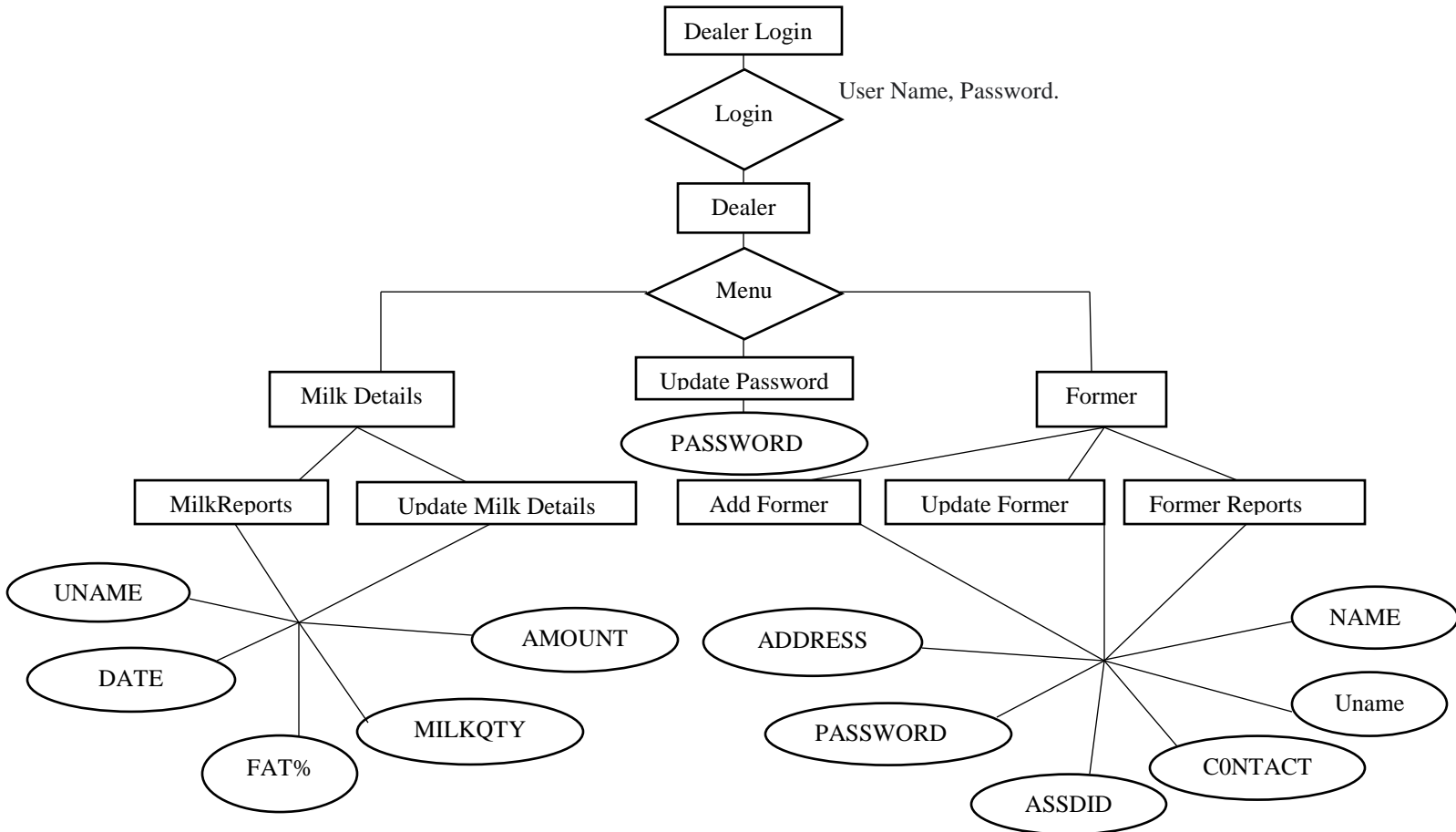
ER-DIAGRAM :

ER Diagram stands for Entity relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database.

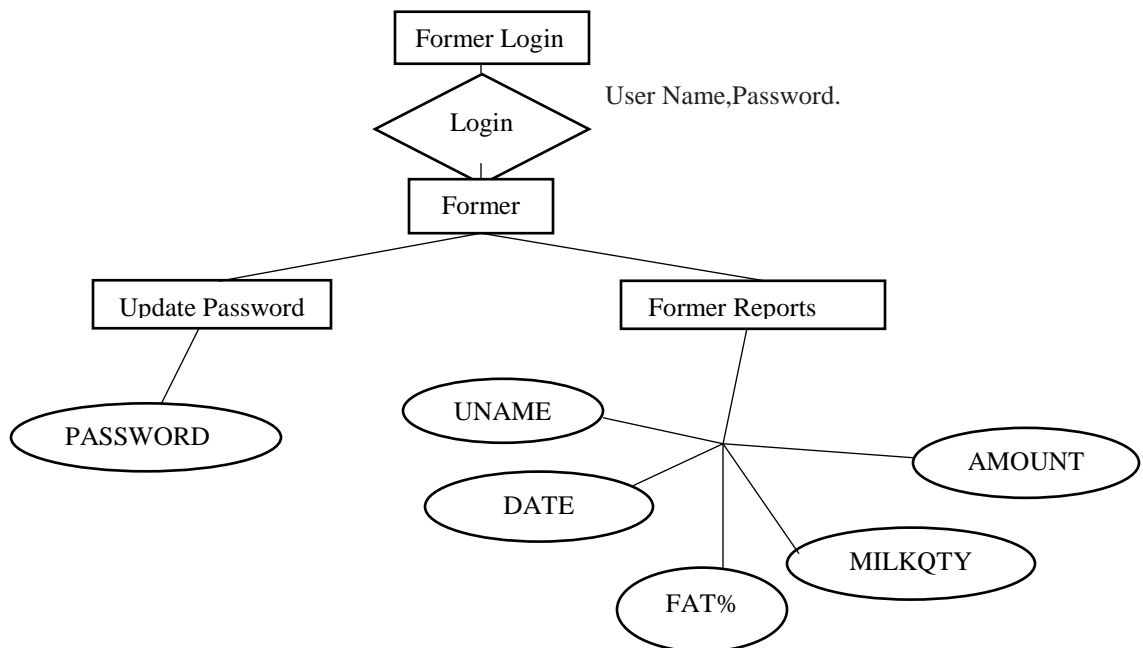
ER Diagram Level 1:Company Login Page



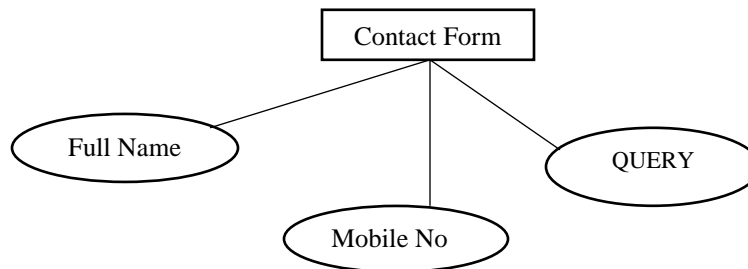
ER Diagram Level 2: Dealer Login Page



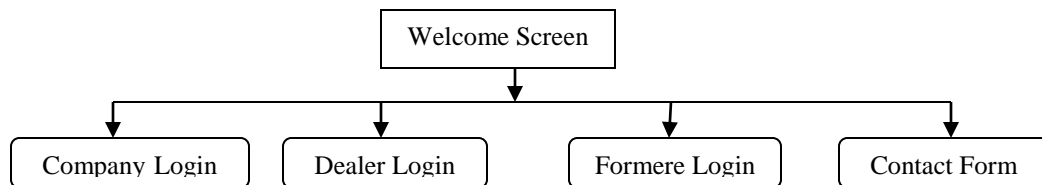
ER Diagram Level 3: Former Login Page



ER Diagram Level 4: Contact Form Page



ER Diagram for Connecting above Modules:



DATABASE DESIGN :

A Database is an organized mechanism that has the capability of storing information through which a user can retrieve stored information in an effective and efficient manner. The data is the purpose of any database and be protected.

DATABASE TABLE DESIGN :

Name of The Table: Companydb

Primary Key : UNAME

Companydb			
	Field Name	Data Type	Description (Optional)
	UNAME	Short Text	PRIMARY KEY
	NAME	Short Text	NOT NULL
	CONTACT	Short Text	NOT NULL
	ADDRESS	Short Text	NOT NULL
	PASSWORD	Short Text	NOT NULL

Name of The Table: Dealerdb

Primary Key : UNAME

Dealerdb			
	Field Name	Data Type	Description (Optional)
PK	UNAME	Short Text	PRIMARY KEY
	NAME	Short Text	NOT NULL
	CONTACT	Short Text	NOT NULL
	ADDRESS	Short Text	NOT NULL
	PASSWORD	Short Text	NOT NULL

Name of The Table: Formerdb

Primary Key : UNAME

Formerdb			
	Field Name	Data Type	Description (Optional)
PK	Uname	Short Text	PRIMARY KEY
	NAME	Short Text	NOT NULL
	CONTACT	Short Text	NOT NULL
	ADDRESS	Short Text	NOT NULL
	PASSWORD	Short Text	NOT NULL
	ASSDID	Short Text	NOT NULL

Name of The Table: Milkdb

Primary Key : DATE (Here No Use of Using Primary Key)

Milkdb			
	Field Name	Data Type	Description (Optional)
	DEALERUNAME	Short Text	NOT NULL
	UNAME	Short Text	NOT NULL
PK	DATE	Date/Time	AUTOMETICALLY IT WILL TAKE THE TIME
	FAT %	Short Text	NOT NULL
	MILKQTY	Number	NOT NULL
	AMOUNT	Number	IT WILL CALCULATE THE VALUE

Name of The Table: Query

Primary Key : MOBILE NO

query			
	Field Name	Data Type	Description (Optional)
	FULL NAME	Short Text	NOT NULL
	MOBILENO	Short Text	PRIMARY KEY
	QUERY	Short Text	NOT NULL

CONCLUSION :

By Using this Project all Customers Can able to Reduce the Manual Operations required to maintain all the records of the Dealers, Formers and Company. The company, Dealers, and Formers Can Able to Access their Data of Milk Production. The Proposed System Can Overcome all the limitations of the existing system. The system Provides Proper security and reduces manual work. The Existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the users to reduce the workload and mental conflict. The proposed system helps the user to work user-friendly and he can easily do his jobs without time lagging.

LIMITATIONS OF THE PROJECT :

This Project has Lot of Advantages. But Some of the Drawbacks are also there. Here some of the drawbacks Explained.

- i) To use this Developed system Lot of Requirments are needed. They are little bit expencive.
- ii) It Consumes Electricity.
- iii) Users Should have Some Knowledge About the Computer.

FUTURE SCOPE:

The Project is Fully Supports for the Any New Features Updating in Feature. Some of the Updatable Things Are mentioned Below.

- i) We Can Able to Add Payment Methods
 - ii) Able to Implement Some changes in Searching Data.
 - iii) Addng Photographs of Users.
 - iv) Deletion of Peticular Users.
- Changes Can be Able to Made by the Requirements of the Company.

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