

MILK SOUQ

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Introduction

- An web and mobile e-commerce application for online shopping, especially milk and other food products.
- Developed under a strong client base in Dubai and Abudhabi. is currently running
- More customisation is being designed under this project.

Existing System

- Browse Through Our Range Of Products. Select the Ones as per You Need
- Each customer have a user account on this system
- It allow to set the requirements for the customer and the products will shown according to this needs
- Also can search and choose the products

Existing System..

- It is just like a shopping in the supermarkets.No discounts or other facilities are there
- There is no way to check whether a particular product is available for delivery in a particular area.
- Need to fill address and payment information every time when there is a purchase.

Proposed System

The new system is nothing but the already existing system with some new features.

- in addition to on-time purchases it allow us to previously book purchases
- Customer can set the requirements according to which the products will shown to them
- It will minimize the overhead of filling the form every time when there is a purchase.
- It helps the people find most suitable products as per their need for which some additional search techniques are there.

Modules

- ***Admin***

- **SEARCH BY NAME,DATE,LAST MODIFIED**

Admin can search the products based on their name,date in which they supplied and last modified date

- **STOCK MANAGEMENT**

Ordering, storing, tracking, and controlling milk products.

- **ADD DISCOUNTS**

Add Discounts in festival Seasons

- **ADD DELIVERY BOY**

for the timely delivery

Modules

- FIND POTENTIAL CUSTOMERS

find potential customer in a month by using machine learning algorithm.the factors consider are

- No of purchases
- No of items purchased
- No of quantity of each item

Modules..

User

- MONTHLY SUBSCRIPTION

Instead of pay at each purchase user will get subscription on monthly basis for the products, Some discounts will there the festival seasons a

- LOCATION BASED SEARCHES

User can search the products they need on location basis,it helps us to find whether a product is available on a particular area

- SUGGEST PRODUCTS BASED ON PREVIOUS SEARCH

Products are suggests to the customer based on their past search history

PARTICIPATION IN AUCTIONS

Modules..

- ***DeliveryBoy***

- NOTIFICATION FOR PRODUCT DELIVERY

The delivery boy will get notification for product delivery through mail which will assign automatically

- Mark for every successful product delivery.

Modules..

• ***Farmer***

- Allows farmers to directly market their products to consumers and retailers without middleman
- It allows every farmers to have store on this website in which they can place their products for auction
- Consumer can directly from the farmers with complete traceability of products.

Tables

1.Login

Field	Type	Constraint
ID	Integer	Primary Key
Username	Character	
Password	Character	
User type	Integer	0-Admin 1-Customer 2-Delivery Boy
User-ID	Integer	

Tables

2. Brand



Field	Type	Constraint
ID	Integer	Primary Key
Name	Character	
Email	Email	
Phone	Integer	Length=10



Tables

3. Item



Field	Type	Constraint
ID	Integer	Primary Key
Photo	Image	
Type	Character	
Bid	Integer	Foreign Key from table <i>Brand</i>
Price	Float	
Quantity	Integer	

Tables

4. Daily Item



Field	Type	Constraint
ID	Integer	Primary Key
Photo	Image	
Bid	Integer	Foreign Key from table <i>Brand</i>
Price	Float	
Required	Integer	



Tables

5. Daily Required

Field	Type	Constraint
ID	Integer	Primary Key
Did	Integer	Foreign Key from table <i>Daily Item</i>
got	Integer	
Date	Date	

Tables

6. Customer

Field	Type	Constraint
ID	Integer	Primary Key
<u>Fname</u>	Character	
<u>Mname</u>	Character	NULL
<u>Lname</u>	Character	
Email	Email	
Phone	Integer	Length=10

Tables

7. Delivery Boy

Field	Type	Constraint
ID	Integer	Primary Key
<u>Fname</u>	Character	
<u>Mname</u>	Character	
<u>Lname</u>	Character	
Email	Email	
Phone	Integer	Length=10

Tables

8. Subscription

Field	Type	Constraint
ID	Integer	Primary Key
cid	Integer	Foreign Key from table <i>Customer</i>
qty	Integer	
amt	Float	
did	Integer	Foreign Key from table <i>Daily Item</i>
Paid	Boolean	
<u>sdate</u>	Date	
<u>edate</u>	Date	

Tables

9. Address

Field	Type	Constraint
ID	Integer	Primary Key
Street	Character	
City	Character	
District	Character	
Pin	Integer	Length=6
<u>Sub_id</u>	Integer	Foreign Key from table <i>Subscription</i>

Tables

10. Purchase

Field	Type	Constraint
ID	Integer	Primary Key
amt	Float	
cid	Character	Foreign Key from table <i>Customer</i>
paid	Boolean	
date	Date	Length=6
status	Integer	0-in cart 1-booked 2-Delivered
did	Integer	Foreign Key from table <i>Delivery boy</i>
<u>ad_id</u>	Integer	Foreign Key from table <i>Address</i>

Tables

11. Shopping Cart

Field	Type	Constraint
ID	Integer	Primary Key
<u>pid</u>	Integer	Foreign Key from table <i>Purchase</i>
<u>itid</u>	Character	Foreign Key from table <i>Item</i>
quantity	Integer	

Tables

12. Discount

Field	Type	Constraint
ID	Integer	Primary Key
Name	Character	
<u>Min_amt</u>	Float	
<u>Sdate</u>	Date	
<u>Edate</u>	Date	

Tables

13. Store

Field	Type	Constraint
ID	Integer	Primary Key
Name	Character	
Email	Email	
Phone	Integer	Length=10

Tables

14. Store Items



Field	Type	Constraint
ID	Integer	Primary Key
Photo	Image	
Name	Character	
Base Price	Float	
<u>Bid Date</u>	Date	
<u>Bid Start Time</u>	Date	
<u>Bid End Time</u>	Date	
<u>stid</u>	Integer	Foreign Key from table <i>Store</i>
Cid	Integer	Foreign Key from table <i>Customer</i>

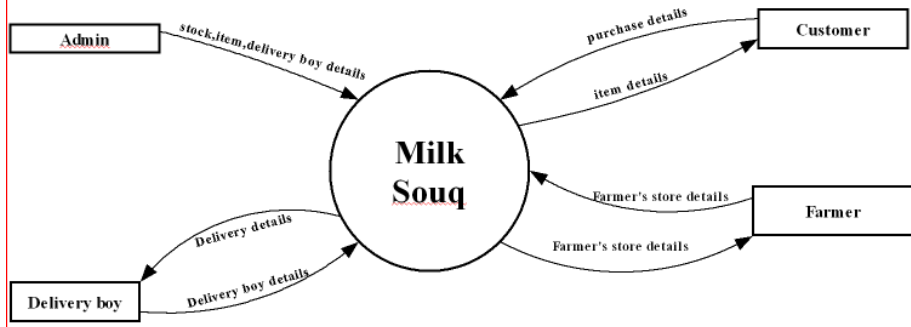
Tables

15. Bid

Field	Type	Constraint
ID	Integer	Primary Key
<u>stid</u>	Integer	Foreign Key from table <u>Store Items</u>
Cid	Integer	Foreign Key from table <u>Customer</u>
Amt	Float	

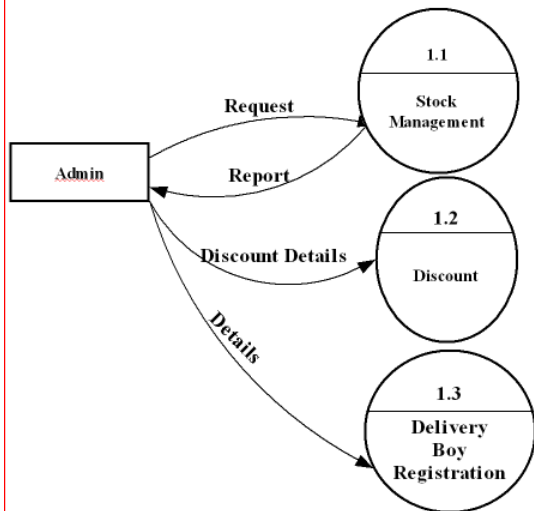
Data Flow Diagram

Level 0 DFD for MILK SOUQ

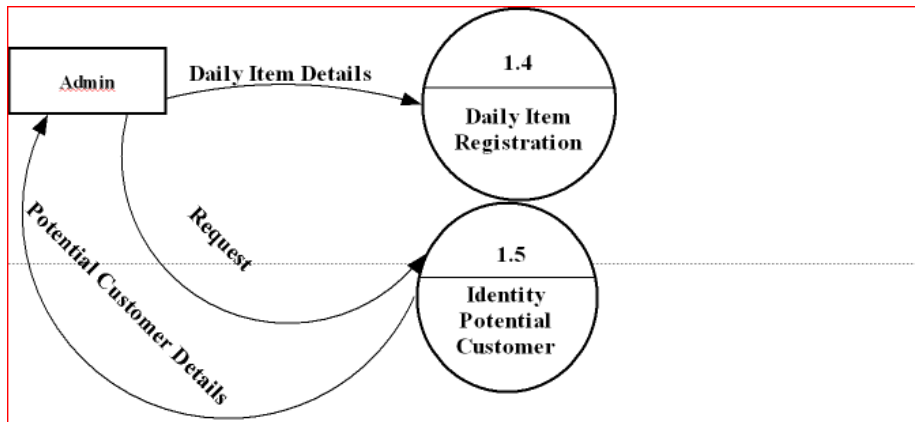


Data Flow Diagram

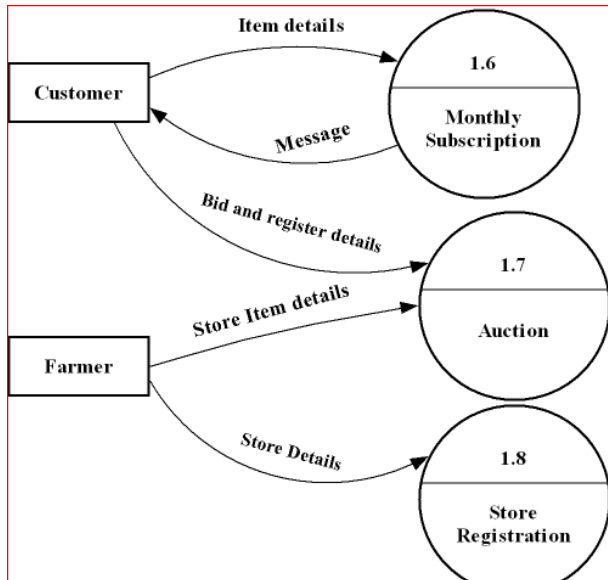
Level 1 DFD for MILK SOUQ



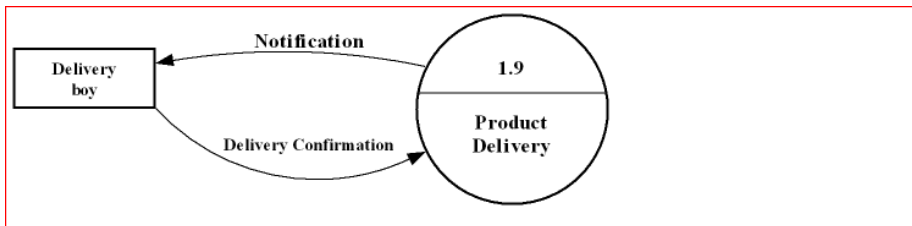
Data Flow Diagram



Data Flow Diagram

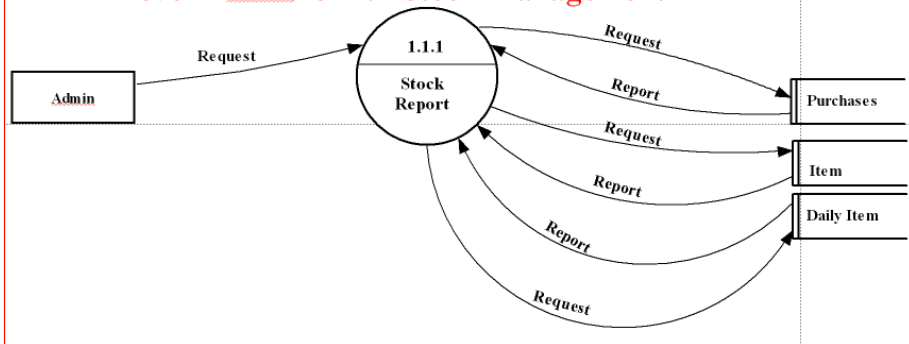


Data Flow Diagram



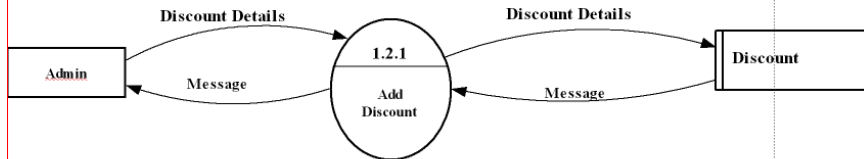
Data Flow Diagram

Level 2 DFD for 1.1 Stock Management



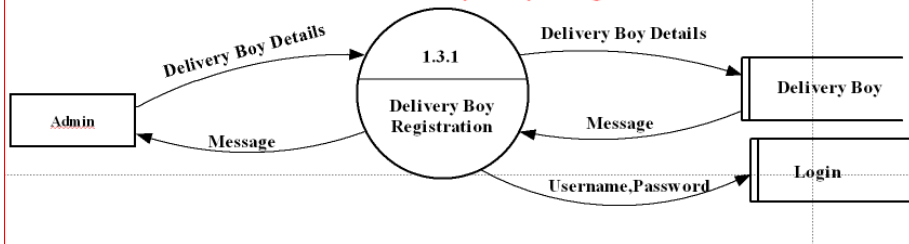
Data Flow Diagram

Level 2 DFD for 1.2 Discount



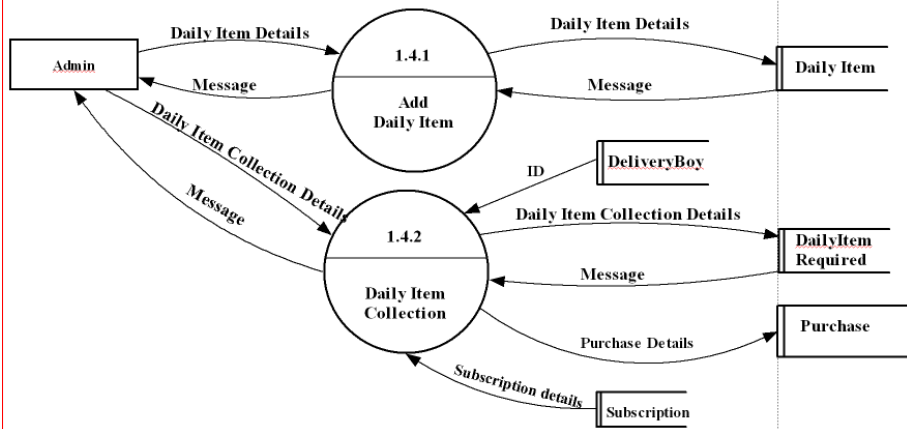
Data Flow Diagram

Level 2 DFD for 1.3 Delivery Boy Registration



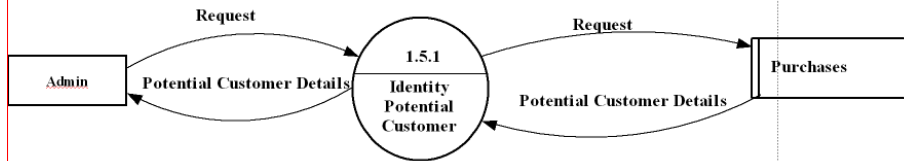
Data Flow Diagram

Level 2 DFD for 1.4 Daily Item Registration



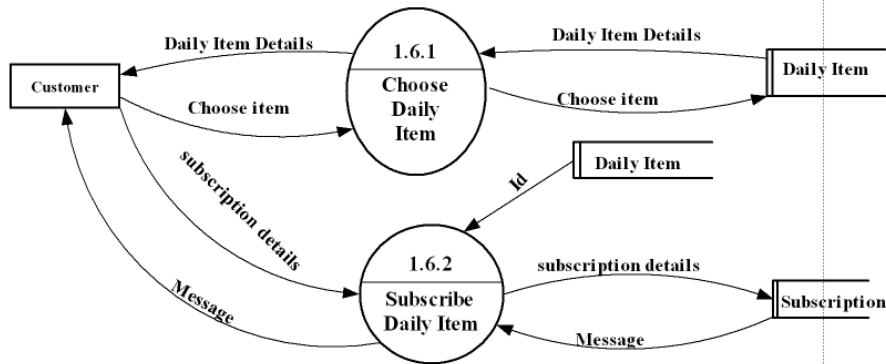
Data Flow Diagram

Level 2 DFD for 1.5 Identity Potential Customer



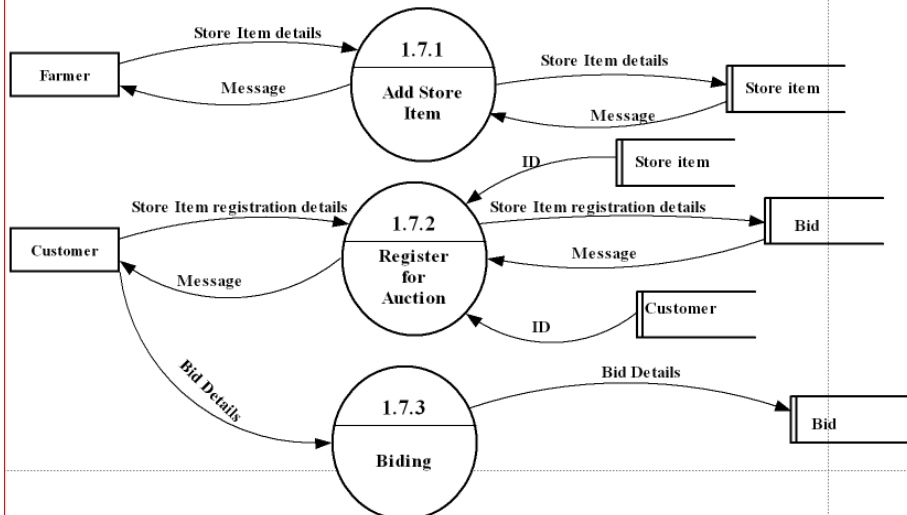
Data Flow Diagram

Level 2 DFD for 1.6 Monthly Subscription



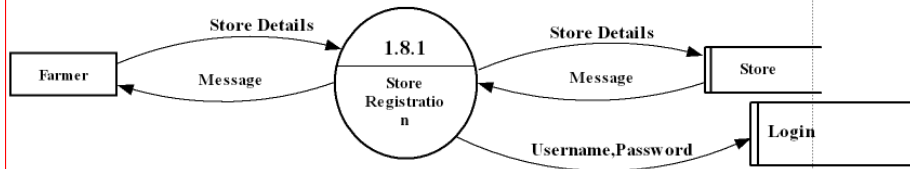
Data Flow Diagram

Level 2 DFD for 1.7 Auction



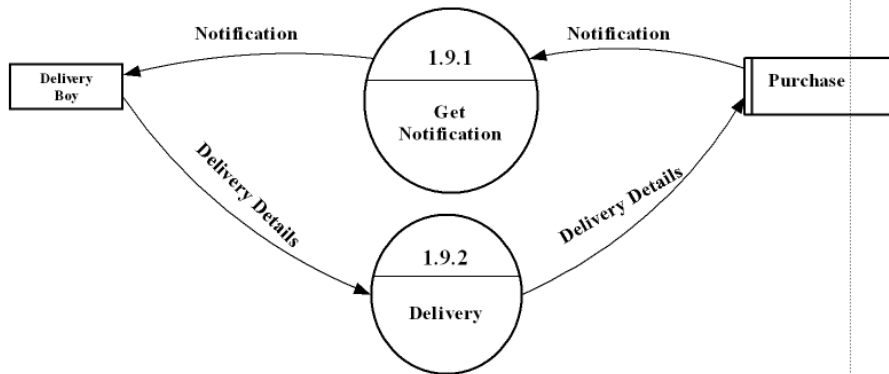
Data Flow Diagram

Level 2 DFD for 1.8 Store Registration



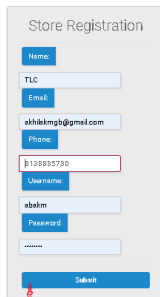
Data Flow Diagram

Level 2 DFD for 1.9 Product Delivery



Screenshots

Store Registration



A screenshot of a web form titled "Store Registration". The form is enclosed in a light gray border and contains several input fields, each preceded by a blue label button. The fields are: "Name" with the value "TLC", "Email" with the value "akhileshb@gmail.com", "Phone" with the value "9138885730", "Username" with the value "abokm", and "Password" with a masked value "*****". A "Submit" button is located at the bottom of the form. A small red error icon is visible at the bottom left of the form container.

Store Registration

Name: TLC

Email: akhileshb@gmail.com

Phone: 9138885730

Username: abokm

Password: *****

Submit

Screenshots

Delivery Boy Registration

Delivery Boy Registration

First name *

Middle name

Last name *

Email *

Phone *

Register



Screenshots

Subscription

Subscription



DailyMilk[\$36.0]

No items purchase:

Start Date



End Date



Street

City


District

Pin

Screenshots

Product Delivery

Purchase



Quantity:3
Price:\$96

Chockoh Carestack

Total:\$96.0

Address

Street: Manjappallikunne(H)

City: Kottayam

District: KOTTAYAM

Post Code/ Zipcode: 686564

Delivered

Product Backlog

No	As a.....	I want to be able to	So that	Priority	Status
1	Admin	Handle stock management	I can know about the products left	Must	To be started
2	Admin	Add Delivery Boy	Can assign delivery boy for each purchases	Must	Completed
3	Admin	Add Daily Item	Customer can book items for a predefined period	Must	Completed
4	Admin	Identity Potential Customers	Provide special offers to them	Could	To be started
5	Admin	Add discounts	Can attract customers	Could	In progress
6	Customer	Subscribe items	Get products between selected dates in daily basis	Could	In progress
7	Delivery Boy	Deliver products	I will get the next delivery notification	Must	Completed
8	Farmer	Add store items	I can sell them without any middleman	Must	Completed
9	Customer	Participate in Auction	May get the item within our budget	Must	In progress

Sprint Backlog

No	Date	Task	Status
1	15-03-2021 to 03-04-2021	<ul style="list-style-type: none"> • Topic Introduction • Requirement Analysis • System Study • Module Description 	Completed
2	04-04-2021 to 07-06-2021	<ul style="list-style-type: none"> • Database Design 	Completed
3	26-04-2021-present	<ul style="list-style-type: none"> • Coding 	In progress

Hardware and Software Specifications

- Hardware Specifications
 - Windows 7 or later.
 - 2 GB RAM.
 - 250 GB storage.
- Software Specifications
 - Python with Django framework.
 - MySQL.

Screenshot-Git history

The screenshot shows the GitHub interface for the repository 'abakm / Milk-Souq'. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. The repository name is 'abakm / Milk-Souq' with 1 Unwatch, 0 Stars, and 0 Forks. The main content area shows the commit history for the 'main' branch, which has 1 branch and 0 tags. The commit history table lists the following commits:

Commit Hash	Commit Message	Time Ago
7691c05	abakm PPT Added	now
	.idea	15 minutes ago
	Milk_Souq	15 minutes ago
	DFD.pdf	15 minutes ago
	Presentation.pdf	now
	README.md	2 months ago
	Tables.pdf	15 minutes ago
	abstract.pdf	2 months ago

The right sidebar contains sections for 'About' (No description, website, or topics provided), 'Releases' (No releases published, Create a new release), and 'Packages' (No packages published).

Conclusion

- My aim is to extend the real-time system by adding some features
- The features going to add will comfortable for the customers .
- Through this upgrade the system will improve more as a commercial website.

Thanks!