**A**

**Project Synopsis**

**On**

**“Milk-Nest Online Services”**

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PROJECT GUIDE H.O.D

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**Organization Profile**

|  |  |
| --- | --- |
| **Organization Name** |  |
| **Venue** |  |
| **Contact Number** |  |
| **Year of Establishment** |  |
| **Area of Work** |  |

**Milk-Nest Online Service**

(Online Milk & Milk Product service)

**Introduction:**

In today’s fast-paced world, convenience is key, and the demand for home delivery services has surged. The dairy industry, particularly milk, and milk product delivery has seen a growing need for efficient management systems that cater to consumer preferences for fresh and reliable products. The MilkNest Online Service Management System aims to address this need by providing a comprehensive platform that streamlines the ordering, delivery, and management processes for both customers and service providers.

MilkNest Online Service Management System aims to establish an online platform for the delivery of high-quality milk and milk products. The service addresses the growing demand for convenient, fresh, and organic milk product options while promoting sustainable practices.

The Milk Nest Online Service Management System is a comprehensive digital platform designed to streamline and enhance the management of milk products and services. This project aims to create an efficient, user-friendly interface for both customers and service providers in the dairy industry, milk product industry, facilitating smoother operations and improving customer satisfaction.

To develop an efficient online platform for managing milk and milk product delivery services,enhancing customer experience, and streamlining operations.

**Existing Manual System**

* The existing manual system work as follows.
* Previous data cannot be finding quickly.
* Less accuracy.
* Difficulty in management system.

* Lack of security.

* Difficulty to managing multiple forms.

* As mentioned above most of details are maintained manually. Due consuming, to this data retrieved is time Due to human calculation error occurs.
* Data are stride an excel sheet which take lot of time.

* Data may be Lost.

**Limitation of manual System**

* Existing system is completely depending on manual work that is information stored in register and other book.
* In existing system more man power is required. The information stored is not accurate because various mistakes are there in data filling process.
* To store large amount of data, more stationary is required which increases the cost of stationary and hence lot of money and manpower were required.
* In existing system lot of time is spent on managing different registers.
* In an existing system, we cannot modify the records and also we cannot backup the document.
* In an existing system all the works are done manually and hence if the person is not present then the other work was got stopped due to which the system get stopped

**Proposed System**

The proposed system is computerized and has been developed using advance language therefore it gives more facilities than present system. It provides quick access to any data. In this system user have to enter the data only once and then it get linked with all files. This reduces the workload of user and it is also a time saving process. The information about any Subscriber can be easily retrieved. The system maintains all records easy.

• The new system will convert manual work to the computerized work.

• By converting manual work to the computerized work in that case it will remove all paper work.

• By maintaining all the work on computer will increase our accuracy as well as speed of our work.

• It will easily used and the time consuming is decreased

**Advantages of Proposed System**

•Computerized Mobile Shop System is better than the Manual Shop System.

•Accuracy and Security can be maintained easily by the Admin.

•It can handle all the Information about the Customer, Clients, Items and Admin.

•All the information about sale, purchase will be maintain properly in this system.

•All manual calculation of sale or all the money management will be performed by the computer automatically.

•This system will provide timely report information.

•It will produce report for sale, bill information.

•The computer can hold amount of data in its storage device.

•The operation and speed of the computer is very high.

•We can calculate result and print any report within seconds.

**Methodology**

For designing a computerized system we have been followed the software engineer approach for developing the software. We have choosed the classic life cycle approach for software development which is SDLC This includes system design, system Analysis and testing which is followed by again first phase

i.e. repeating the cycle.

System design means understand the old system completely and planning the new system or to replace existing system.

Then we tell them that we are making project on Milk-Nest online service. So, they give us information like transaction, resisters and required reports and over all process. They told us how the existing system is working.

**Objectives**

The objective of a Milk Nest Online Service Software Management System project is to create a comprehensive, user-friendly, and efficient platform to manage the operations of a milk distribution or delivery service. The key goals typically include:

**1. Order Management:**

Automate the process of ordering milk products online, allowing to place and track their orders easily.

**2. Inventory Management:**

Manage the stock of milk and related products, ensuring timely updates of inventory levels, automatic reordering, and alerts for low stock.

1. **Customer Management:**

Maintain a detailed customer database, track preferences, manage accounts, and provide discounts.

1. **Payment Integration:**

Implement secure and flexible payment gateways for seamless transactions, including subscriptions, one-time orders, and bill management.

**6.** **Delivery Management:**

Facilitate the organization of delivery routes, assign delivery personnel, and track deliveries in real time for both customers and service managers.

**7. Analytics and Reporting:**

Provide insights into sales trends, customer behavior, inventory levels, and delivery performance through comprehensive reports and analytics.

**8. User-Friendly Interface:**

Ensure that both customers and staff (admin, delivery personnel) can easily navigate the system, with intuitive dashboards and self-service options.

**9. Scalability:**

Build a system capable of scaling with business growth, supporting multiple locations, increasing customer volume, and expanding service offerings. By achieving these objectives, the system will improve operational efficiency, customer satisfaction, and overall business profitability for the milk nest online service.

**System Requirement**

**Software Requirement :**

* JAVA.
* My-SQL workbench.
* Apache Netbeans IDE 22.
* Jasper Report 5.1
* Operating System:-Windows-7 64 bit.

**Frontend :**

* JSP, SERVERLET
* JSP (HTML, CSS)

**Backend :**

* My-SQL SERVER

**Hardware Requirement :**

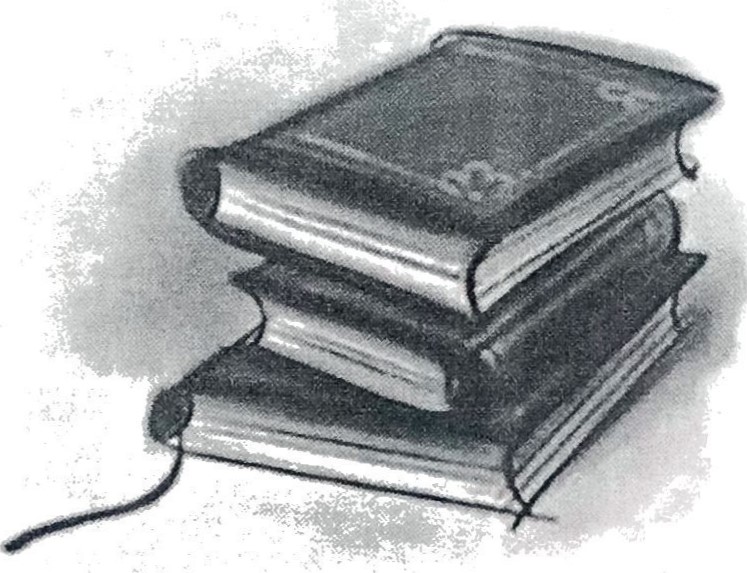
* Intel Dual Core or Higher Processor.
* 2 GB of RAM or Above.
* Minimum 20 GB Hard-Disk.
* Computer and Other Devices.

**Conclusion**

MilkNest Online Service Software Management System project conclusion should summarize the key aspects of the project, evaluate its outcomes, and highlight lessons learned. Here’s a possible outline for the conclusion.

The Milk Nest Online Service Software Management System has successfully met its A core objectives of improving efficiency, reducing operational costs, and enhancing customer satisfaction. The project has provided significant benefits to the organization, but continuous improvements and regular monitoring will be key to sustaining its success in the long term.

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