**SYNOPSIS**

**TITLE OF THE PROJECT:**

**Cake Shop Management System.**

**INTRODUCTION:**

**The Cake Shop Management System is application which is based on ordering,preparing and selling the cake and other items and**

**generating bill. It is user friendly and modular approach.The modular approach of the software increase the flexibility of the**

**software. Data storing is easier. It will be able to check any report at any time. The system is user friendly and easy to use.**

**This software provides the processes such as purchase, sales and bill details.**

**OBJECTIVE:**

* **To develop user friendly software with ease of maintenance.**
* **To provide security to the software by providing username and password.**
* **To maintain information about products, purchases, sales etc.**
* **To store and manage customer and employee details.**

**PROJECT CATEGORY:**

 This is Client Server application .

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**TOOLS TO BE USED:**

* **Hardware requirements :**

**CPU - 32 bit**

**RAM - Minimum of 130 MB or more**

**Hard disk - Minimum of 20 GB or more**

* **Software requirements:**

**Front end: Asp.Net with c#**

**Back end: SQL server**

**STRUCTURE OF THE PROJECT:**

**Modules:-**

**• Login**

**• Customer module**

**• Employee module**

**• Supplier module**

**• Stock Module**

**Description:-**

**1) Login Module :**

**This module provides security by the use of user name and password**.

**2) Customer Module :**

**This module contains information about customers such as bill no, name, address, DOB,sales details etc**.

**3) Employee Module:**

**This module contains information about staff such as name, address, phone no, DOB, DOJ,salary etc.**

**4) Supplier Module:**

**This module stores supplier information such as name, address, email, contact info and purchase details etc.**

**5) Stock Module:**

**This module contains information about raw materials and finished products.**

* **Raw materials(items): This module contains information about the raw materials.**
* **Finished products(products): This module contains information about the finished product.**

**LIMITATIONS:**

* **The software works only on single system at a time.**
* **Online transactions are not included in the system.**
* **To buy the items the customer has to visit the store.**

**FUTURE SCOPE OF THE PROJECT:**

* **In future the software can be made more users friendly.**
* **Online purchasing can be done in future.**
* **Software can be worked by using different platforms.**

**CONTEXT FLOW DIAGRAM**

**The Context flow diagram shows a system as a single process with input or output flowing to or from external entities. It is also known as level 0 of DFD. The Context flow diagram for construction of software is shown in this figure.**

**The environment in which software used is depicted in this picture. The Context flow diagram shows external entity acting on the software.**

**Employee**

**Employee info**

**Customer info Supplier info**

Supplier

Customer

**Sales order Purchase order**

**Purchase bill Purchase Bill**

**Payment Payment**

**Retrieve**

**Store**

Database