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Roll no:30

Cake Ordering System SRS

This article contains Cake Ordering System SRS. Database is included for more than one user in the **COS** system. Every user has a unique master key and it will uniquely open the database for each user. Admin provides different username and password for each user. This includes a wide range of sales activities. This software aims at the sales of cake for each customer hence reducing paper work. It also provides day by day reports to keep track of all the sales activities.

INTENDED USERS AND READING SUGGESTIONS:

This Software Requirements document is intended for:

- o **Administrator:**should have the basic Knowledge of computers and Visual Basicin order to perform tasks. An Admin can access to any users profile whereas a user cannot access neither to admins profile nor to any other users profile.
- o **User** who should have the basic Knowledge of computers and Visual Basic in order to perform tasks and who wishes to read about what this project can do. User can access only the services given by the Admin.
- o **Developers** who can view project's abilities and can easily understand to add more features for future development.

SCOPE: This project is helpful to computerize the sales activities and the payment given to the user.

REFERENCES:
- o PankajJalote, An Integrated Approach to Software Engineering, Third Edition, Narosa Publications

OVERVIEW:

The system functionality provides an overview of this document.SRS is like an agreement between the developer and the client of how the software **"COS"** is to be constructed. The correct understanding of the SRS enables us to do correct software and will be useful in future stages for the development of the project. This

system helps us to manage all the sale transactions in an easily sorted manner.The project **"Cake Ordering System"** is developed to maintain and track the Sales activities.

OVERALL DESCRIPTION

USER CHARACTERISTICS:

- o **Administrator**: The administrator of the company is allowed to access all the services in the system. The username and password for the end user is given by the administrator.
- o **User**: The user is allowed to access the services given by the administrator like ordering, billing etc.

OPERATING ENVIRONMENT

- o **Processor:** Intel dual core or above
- o **Processor Speed:** 1.0 GHZ or above
- o **RAM:** 1 GB RAM or above
- o **Hard Disk:** 20 GB hard disk or above.
- o **Operating Systems**: Windows XP/2000/2003/2007

ASSUMPTIONS AND DEPENDANCIES:

- o Basic knowledge of the computers should be known by the users and we also assure that software user manual and training documentation will be given to the users

EXTERNAL INTERFACE REQUIREMENT:

USER INTERFACES:

- o GUI is provided by the software which is self-explanatory.

- o User friendly forms, menus and options are contained by the software.

- o Designing of the product have to be studied by the developer.

- o Software gives warnings with necessary assistance to the clients.

HARDWARE INTERFACES:

- o Keyboard and mouse are the input for all the systems designed forms.

- o Keyboard and mouse will provide user friendly interaction between the user and the system and the forms can be viewed through a monitor in GUI.

SOFTWARE INTERFACES:

- o The software is developed with all the basic controls and class provided in VB .Net.

- o Application Package must be installed.

- o A confirmation prompt is presented by the system to the user like continue or cancel operation, if any modifications to be done.

- o All the data's inserted will be stored in SQL.

OTHER NONFUNCTIONAL REQUIREMENT:

PERFORMANCE REQUIREMENT:

- o Good memory space is required.

o   Should be Error-free.

o   Large amount of data should be handled easily.

SAFETY REQUIREMENT:
o   Backups can be done regularly.

SECURITY REQUIREMENT:
o   A password is given to the SQL server.

o   Administrator and the end user, who have their own user name and password, have only the right to open the software.

SOFTWARE QUALITY ATTRIBUTES:

PORTABILITY:
o   Installation of this software can be done in any windows operating system.

FLEXIBILITY:
o   As the transaction takes place, the system keeps on updating the data.

MAINTAINABILITY:

In this stage, validation will be referred from the given SRS

TIMELINESS:
o   The system performs all the operations in less amount of time..

RELIABILITY:
o   Validations even for user inputs will be done.

o   Avoid incorrect storage of records.

OTHER REQUIREMENTS:

None