**PROBLEM DEFINITION**

The Food Order management system is software, which automates the order of food.

* In their system 3 type of user admin, sales, end user
* admin access all property, sales man only see the delivery item assign for him, end user only order food
* admin lock any user/sales man any type of reason

**SYSTEM REQUIREMENT SPECIFICATION**

 Purpose:

 The purpose of this SRS is to describe the requirements involved in developing a Food Order management system

 The system will be access by three category Customer, Sales Man, Admin.

 Scope:

 The product is titled as Food Order management system (food Panda).

 The product will perform the following tasks

* Admin will add, update, and delete any type of product. He also lock any user. Assign sales man to delivery of product
* Sales man see the assigned delivery which is assigned to him. Also order any type of food.
* Customer only access order purpose

 Overview:

 The SRS contains an analysis of the requirements necessary to help easy design.

 The overall description provides interface requirements for the Library Management System, product perspective, hardware interfaces, software interfaces, communication interface, memory constraints, product functions, user characteristics and other constraints.

 Succeeding pages illustrate the characteristics of typical naïve users accessing the system along with legal and functional constraints enforced that affect Library Management System in any fashion.

**The Overall Specification**

Product perspective:

 Hardware interfaces

o Hard disk: The database connectivity requires a hardware configuration that is on-line. This makes it necessary to have a fast database system running on high rpm hard disk permitting complete data redundancy and back-up systems to support the primary goal of reliability.

o The system must interface with the standard output devise, keyboard and mouse to interact with this software.

 Software interfaces

o Back End: SQL Server

o Front End: C#, html, css, JavaScript

 Memory Constraints: No specific constraints on memory.

 Operations: The software allows three modes of operations

o Enquire about the availability and status of books.

o By extracting the username and password the software allows the user to borrow a maximum of three books.

o By extracting the username and password the software allows the user to return the borrowed books.

 Product Functions

o Enquire about the availability and status of books.

o Search the availability of book by entering the title of the book.

o Search the availability of book by entering the author of the book.

o The software validates the authentic user by extracting their user name and password.

o After the validation of the user software allows the user to borrow a maximum of three books based on the number of books which where already borrowed.

o After the validation of the user software allows the user to return the books, which where borrowed.

**User characteristics**

 The intended users of this software need not have specific knowledge as to what is the internal operation of the system. Thus the end user is at a high level of abstraction that allows easier, faster operation and reduces the knowledge requirement of end user

 The Product is absolutely user friendly, so the intended users can be the naïve users.

 The product does not expect the user to possess any technical background. Any person who knows to use the mouse and the keyboard can successfully use this product.

**Constraints**

The user has a unique username and password, there are no options to retrieve a password or username in case it is forgotten or lost hence the user is requited to remember or store the username and password.

Functional Requirement

User of the ordering system, namely restaurant customer, must be provided the following functionality

* Create an account
* Login to the system
* Search any item
* Select any item and add to shopping cart for order
* Remove item from shopping cart
* Confirm order then admin will assign an sales man for delivery this order

Sales man provide following functionality

* Create an account as sales
* Order any kind of item as a normal customer
* A sales man can only see the allocated delivery items for him

Admin provide following functionality

* Add a new/ update/ delete food type from system
* Add a new/ update/ delete Special tag from system
* Add a new/ update/ delete food item from menu
* Update price, additional information (description, photo etc.) for a given food item.
* Assign sales man for delivery
* Manage user account
* Lock user account for any kind of bad activity
* Also order any kind of item as a customer / end user