

# 1. Requirements

## Hardware requirements

- Ram 512MB or higher.
- Minimum 10MB hard disk space.
- Intel/Pentium powered system.
- Processor speed 1.7 GHz

## Software requirements

- Windows 8 or higher versions.
- Visual Studio/CodeBlocks software.
- C language
- Mingw compiler

## Functional requirements

The management system must include the following features like:

### **MENU**

When you select menu option it displays the menu items with corresponding menu code, available quantities, cost of such items and all.

### **ORDER**

If you want to place an order in a café. Then you give orders.

### **RECEIVE**

If you want to receive the orders from the café that you already place orders

### **DISPLAY**

If you want to display all the items that you ordered, served, total bill of the items then you click on the corresponding display menu

To write this program we are going to need:

- A way of representing the menu.
- A way of representing the how many orders it will be taken by user.
- A way to display the bill, how many items ordered, how many items served and all
- A way for our instructions to serve the items.

Let's look at how a program works:

1. Based on reading a number it will call a particular function. It will be explained as follows
2. For example when we run a program it displays the "welcome to cafe message"
3. next displays the list of options like
  - 3.1 menu
  - 3.2 order
  - 3.3 serve
  - 3.4 display
  - 3.5 exit
4. if you want to know the menu then click 1, you want to order click 2, you want to serve the order click 3, you want to display the list of items that u taken then click 4 and you want to exit from the cafe website then click 5.

Simple Food Ordering System is based on the concept of ordering and serving food in a cafe. There's no login system for this project.

Here, a user can order available food items, serve it and check total records. This project contains few features but the essentials ones.

Talking about Simple Food Ordering System, the user can easily order available foods. For this, the user has to enter his/her name, the total number of the item, item code number, and quantity. There's no CRUD feature for food items. Each of the items has its own size and the user also has to select the size before ordering any item. After ordering an item, the system displays the total amount.

The selected food items also need to get served. The user can easily serve food after an order is made. The user can also check total records of the cafe which displays the total number of order taken, and served.

## SWOT ANALYSIS:

### **S**trengths

Advantages  
Capabilities  
Resources, Assets, People  
Marketing - reach, distribution, awareness



### **W**eaknesses

Lack of competitive strength  
Financials  
Our vulnerabilities  
Timescales, deadlines and pressures  
Continuity, supply chain robustness



### **O**pportunities

Market developments  
Business and product development



### **T**hreats

Environmental effects  
Market demand  
Obstacles



## **4W' S AND 1H:**

Who:

Small and medium restaurants

What:

- It will manage the details of orders such as its quantity, item code and bill and some other information

When:

- When the need came for quick ordering of snacks

Where:

- In functions

How:

- By using system with required software and hardware it can implemented.

# High Level Requirements

ID	Description	Category
HR01	User shall choose from menu tab	Techincal
HR02	User shall be able to view menutab	Techincal
HR03	User shall be able to purchase snacks	Techincal
HR04	User shall be able to give orders	Techincal
HR05	User shall be able to receive orders	Techincal
HR06	User shall be able to know total bill	Techincal
HR07	User shall be able to view menu	Techincal

## Low level Requirements

ID	Description	Category
LR01	First page will display options for menu, order, display, serve, exit	Techincal
LR02	Able to place snack orders	Techincal
LR03	Deletion should be done successfully	Techincal
LR04	Display the bill successfully	Techincal
LR05	System will save ordered items	Techincal
LR06	Exit screen easily	Techincal
LR07	After exiting, message is prompted that all records are saved	Techincal