

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
menu

	order
serve	display
	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:

Strengths

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



Weaknesses

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



Opportunities

Market developments
Business and product development



Threats

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, bill, time of placed order and some other information

When:

- When the need came for quick ordering of snacks

Where:

- In functions, parties and during passtime.

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	Technical
HR02	User shall be able to view menutab	Technical
HR03	User shall be able to purchase snacks	Technical
HR04	User shall be able to give orders	Technical
HR05	User shall be able to receive orders	Technical
HR06	User shall be able to know total bill	Technical
HR07	User shall be able to view menu	Technical

Low level Requirements

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