# Requirements

## Hardware requirements

**Software requirements**

**Functional requirements**

* + Ram 512MB or higher.
  + Minimum 10MB hard disk space.
  + Intel/Pentium powered system.
  + Processor speed 1.7 GHz
  + Windows 8 or higher versions.
  + Visual Studio/CodeBlocks software.
  + C language
  + Mingw compiler

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 calls a particular funtion. 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
   1. menu
   2. order
   3. serve
   4. display
   5. exit
3. 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.

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# SWOT ANALYSIS:

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**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 | 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 |