

Food Ordering System

Submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE & ENGINEERING



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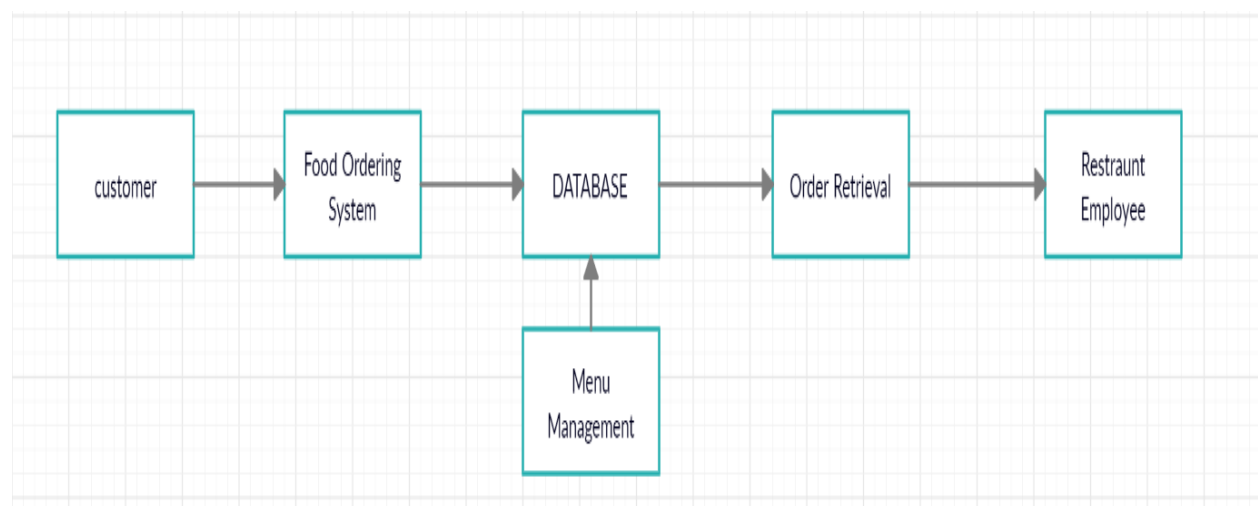
Project Design

- Navigate the restaurant's menu.
- Select an item from the menu.
- Customize options for a selected item.
- Add an item to their current order.
- Review their current order.
- Remove an item/remove all items from their current order.
- Provide delivery and payment details.
- Place an order.
- Receive confirmation in the form of an order number.

As the goal of the system is to make the process of placing an order as simple as possible for the customer, the functionality provided through the web ordering system is restricted to that which most pertinent to accomplish the desired task. All of the functions outlined above, with the exceptions of account creation and management, will be used every time a customer places order. By not including extraneous functions, I am moving towards my goal of simplifying the ordering process.

The Database & the Components:

The structure of the system can be divided into three main logical components. The first component must provide some form of menu management, allowing the restaurant to control what can be ordered by customers. The second component is the food ordering system and provides the functionality for customers to place their order and supply all necessary details. The third and final logical component is the order retrieval system. Used by the restaurant to keep track of all orders which have been placed, this component takes care of retrieving and displaying order information, as well as updating orders which have already been processed.

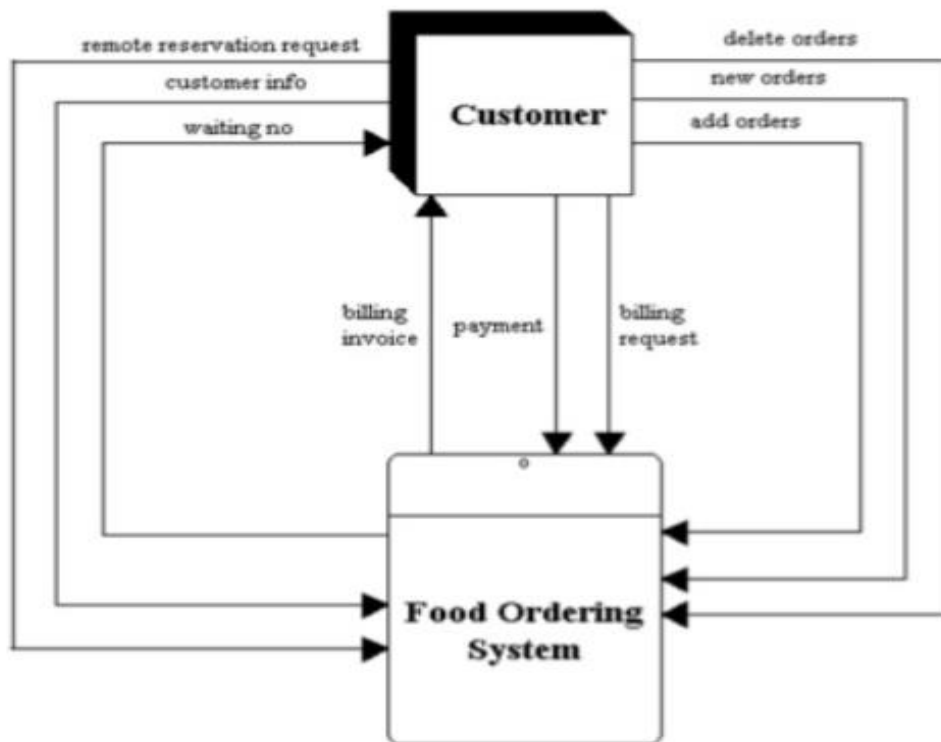


Innovation In Model

It is the purpose of the new system to address all the problems plaguing the present system. This system will do the analyzing and storing of information either automatically or interactively. This will require the input of necessary data and record of fast food ordering and delivery and then a report is generated.

The proposed system will also have some other features such as:

1. Accuracy in handling of data
2. The volume of paper work will be greatly reduced.
3. Fast rate of operation as in making the ordered food available and delivered on time.
4. Flexibility (i.e. it can be accessed at any time)
5. Easy way to back up or duplicating data in CDs in case of data loss
6. Better storage and faster retrieval system



Implementation

1. So this first snap shows the menu of an restaurant from which customer can easily choose what to order.

<input type="checkbox"/> Sprite	0	<input type="checkbox"/> HotDog	0
<input type="checkbox"/> Pepsi	0	<input type="checkbox"/> VegBurger	0
<input type="checkbox"/> DietCoke	0	<input type="checkbox"/> Pasta	0
<input type="checkbox"/> Mojito	0	<input type="checkbox"/> Rice Plate	0
<input type="checkbox"/> Cappuccino	0	<input type="checkbox"/> Sandwich	0
<input type="checkbox"/> Fanta	0	<input type="checkbox"/> Fires	0
<input type="checkbox"/> CocaCola	0	<input type="checkbox"/> Spagetti	0
<input type="checkbox"/> ColdCoffee	0	<input type="checkbox"/> Fazitas	0

2. This snap shows all the cost of drinks, foods, taxes and total.

Cost of Drinks		Paid Tax	
Cost of Foods		Sub Total	
Service Charge		Total	

3. We also have Calculator for calculating Total. If there is any need to calculate amount than it can be rechecked with the help of calculator.

The image shows a calculator interface with a blue border. At the top, there is a display area showing the number '0'. Below the display is a numeric keypad with buttons for digits 0-9, a decimal point (.), and a backspace (C) button. To the right of the numeric keypad are four operation buttons: '+', '-', '*', and '/'. Below the numeric keypad is a large empty rectangular area. At the bottom of the interface are four function buttons: 'Total', 'Receipt', 'Reset', and 'Exit'.

7	8	9	+
4	5	6	-
1	2	3	*
0	C	=	/

Total	Receipt	Reset	Exit
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4. Here are some snaps of working of project. As customer orders his food then he is able to see his total amount to be paid very easily.

<input checked="" type="checkbox"/> Sprite	2	<input checked="" type="checkbox"/> HotDog	2
<input type="checkbox"/> Pepsi	0	<input type="checkbox"/> VegBurger	0
<input type="checkbox"/> DietCoke	0	<input type="checkbox"/> Pasta	0
<input checked="" type="checkbox"/> Mojito	1	<input checked="" type="checkbox"/> Rice Plate	4
<input checked="" type="checkbox"/> Cappuccino	1	<input type="checkbox"/> Sandwich	0
<input type="checkbox"/> Fanta	0	<input type="checkbox"/> Fires	0
<input checked="" type="checkbox"/> CocaCola	4	<input checked="" type="checkbox"/> Spagetti	5
<input type="checkbox"/> ColdCoffee	0	<input type="checkbox"/> Fazitas	0
Cost of Drinks	Rs 600.00	Paid Tax	Rs 711.24
Cost of Foods	Rs 4140.00	Sub Total	Rs 4741.59
Service Charge	Rs 1.59	Total	Rs 5452.83

5.This is the last snapshopt in which it is clearly visible that there is an calculator for admin and features like total,receipt,reset and exit.

The screenshot displays a software interface with a calculator at the top and a receipt summary below it. The calculator has a display showing '0' and buttons for digits 0-9, '+', '-', '*', '/', 'C', and '='. The receipt summary lists items and their costs, followed by a total cost. At the bottom, there are four buttons: 'Total', 'Receipt', 'Reset', and 'Exit'.

Item	Cost
Sandwich:	0
Fires:	0
Spagetti:	5
Fazitas:	0
Cost of Drinks:	('Rs', '600.00')
Tax Paid:	('Rs', '711.24')
Cost of Foods:	('Rs', '4140.00')
SubTotal:	('Rs', '4741.59')
Service Charge:	('Rs', '1.59')
Total Cost:	('Rs', '5452.83')

Calculator buttons: 7, 8, 9, +, 4, 5, 6, -, 1, 2, 3, *, 0, C, =, /

Bottom buttons: Total, Receipt, Reset, Exit