Deluxe Menu Ordering System

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Introduction

For our project, we plan to create an ordering system that can be used in different restaurants or various online food servicing apps. The system will display a menu which can be interacted with in order to find a description of the item including its contents, ingredients, etc. After the customer decides on what items they would like to order, the system will calculate the total. It will also have an option to save the customer's order for easier access in the future.

Purpose

The purpose of this project is to create an easy to use ordering system that can be applied across multiple industries. This project is valuable because it can be used in areas other than the food industry. For instance, this system can be used in ordering various items from online shops or other retail stores. The basic functionality of the program should be interchangeable for any product. Although this project may not be innovative or new, I believe it would be useful for business owners who are trying to reach an online market. Nowadays, most things are done through the internet. Because of this, an online ordering system that can be used in person or online through the internet would be useful to any up and coming restaurants or retail stores.

Audience

The target audience would be towards those who are ordering items from a menu for the sake of convenience or personal preference. So the age range of the program goes from teens all the way to elders. This program should be able to be used by almost everyone unless the individual is both visually and audibly impaired.

Platform

The software should be able to run on most smartphones, tablets, laptops,PCs and most other electronic devices. It would also be on large touch screens within the stores so it is more convenient for the customer, whether not having to wait at a large line or not having to make the customer navigate the whole facility to find that one object that he or she wants to purchase. Even though the project is mainly graphically based, the devices do not need high specs since the software will not be as intense as other software out on the market. An iPhone 4 would be able to run the software pretty easily for a comparison

Team Dynamic

Our group plans to communicate through **GroupMe**.

Two Times a Week: Monday at 7:30pm and Friday at 4:00pm.

Vincent
- in charge of the scheduling, making sure we are all available to work at the same time.

The work will be divided into four interchangeable segments.

Rich
- will work together on the back end of the project, making sure the menu works.

Michael
- will work on the front end, making the menu look visually appeasing.

Manning
- will make sure the order can be saved after it is filled out.

Vincent
- developing the method to total cost of the items and the "My Cart" like feature work.

Detailed Description

A
- The interface is going to be web-based
- There will be a file called upon that holds all of the items on the menu and description about that item (ingredients, nutrition, etc.)
- It will utilize a GUI when selecting items for the customer's order. The GUI will consist of pictures of the various items the customer can choose from.
- The program will also save one's order within a database. This way it can be called upon at a future date.

B
- The program will process the customer's selected items and calculate the total cost of the order.
- It will also process which and how many items are selected through the use of unique ids and counters

C
- The program will utilize a database in order to store the saved order.
- The database will be inside a file that will be called once the user makes a selection of an item