Synopsis

LimeTray

Food Ordering System

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**INTRODUCTION:**

In today’s age of fast food and take-out, many restaurants have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining experience. Until very recently, all of these delivery orders were placed over the phone, but there are many disadvantages to this system, including the inconvenience of the customer needing to have a physical copy of the menu, lack of a visual confirmation that the order was placed correctly, and the necessity for the restaurant to have an employee answering the phone and taking orders.   
  
What I propose is an online ordering system the main advantage of THE system is that it greatly simplifies the ordering process for both the customer and the restaurant. When the customer visits the ordering webpage, they are presented with an interactive and up-to-date menu, complete with all available options and dynamically adjusting prices based on the selected options. After making a selection, the item is then added to their order, which the customer can review the details of at any time before checking out. This provides instant visual confirmation of what was selected and ensures that items in the order are, in fact, what was intended.

**SYNOPSIS**

The project LimeTray will help the passengers in a train to book their meals according to their choices. This project ensures the provision of delivering food to the passengers from the specified restaurants at the given location. The food is served on the station basis. The mode of payment is through cash on delivery. The vendor will deliver the food for the passengers on stationary train at the mentioned station.

**MODULES:**

* **Restaurant Module**

The restaurant module has the details of the restaurant along with the menu provided.

This module the customer can view the menu and make decision for order.

* **Location Module**

The location module contains the details of the train location. This module will help the user to identify the restaurants in the mentioned location by the customer and thus the user can choose the restaurants from which they need to order the food.

**PROBLEMS OF EXISTING SYSTEM**

Due to manual means being employed by the fast food restaurants, it is very difficult to satisfy the wants and needs of the customers. Most of the problems include:

1. Mistakes are made when taking the orders of the customers

2. The process of collecting customers’ purchases order is very tedious. This makes it impossible to deliver goods on time.

3. It leads to lack of understanding between the customers and the employees.

4. The record keeping system is poor. Losses of vital records have been reported in the past consequently. Besides, protecting the file system from unauthorized access is a problem that has defiled solution.

5. Unnecessary time is wasted conveying information through the ladder of authority. Management at times seeks to get a copy of the customer’s order form and this may take a lot of time to obtain it.

6. It causes reduction of production flow.

These are the major problems facing the existing system and would be corrected with the help of the proposed system.

**OBJECTIVES OF THE PROPOSED SYSTEM**

The proposed system is developed to manage ordering activities in fast food restaurant. It helps to record customer submitted orders. The system should cover the following functions in order to support the restaurant’s business process for achieving the objectives:

1. To allow the customer to make order, view order and make changes before submitting their order and allow them make payment through prepayment card or credit card or debit card.

2. To provide interface that allows promotion and menu.

3. To prevent interface that shows customers’ orders detail to front-end and kitchen staffs for delivering customers’ orders

4. Tools that generate reports that can be used for decision making

5. A tool that allows the management to modify the food information such as price, add a new menu and many others as well as tools for managing user, system menu and promotion records.

**Hardware and Software Requirements**

# Hardware Requirements

* Processor – Pentium III and above.
* RAM – 256 MB and above.
* Hard Disk – 20 GB.

**Software Requirements**

* Operating System : Windows98 and above.
* Front End : HTML, CSS, Bootstrap.
* Language : Java.
* Database Connectivity : MySQL.