

Project Documentation

Introduction:

This project is on Restaurant Billing System. In which a person can see menu on the display along with the item name and price. And according to the user's preference they can choose items by writing code of that item and it will be selected. We also ask the user if he wish to order something else and according to the user's choice the process is executed. All prices listed are inclusive of GST. At the end the final bill will be shown according to that.

About the project:

in our project we have created a Restaurant Billing System for a restaurant named "Hunger Junction". We provide all sorts of food items according to the time and user's choice. Like in the morning we provide breakfast items, in afternoon we provide lunch and accordingly in night we provide dinner. The user can order any item listed in the menu as per his wish.

We have implemented this project using C programming language. In this project we used matrices to store prices of items and the menu list. We have used multiple functions to perform different task and according to the user entries particular function will get called and the related operation will be performed. We have also used the system function to change the background and the text colour in our project.

The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent and replace the manual billing system. This system will help the user to reduce the workload and mental conflict. It provides user friendly interface to use it and can easily do jobs without time lagging.

Objective of our project:

- Ensure data accuracy's.
- Proper control of the higher officials.
- Reduce the damages of the machines.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

Scope for Future Enhancement:

In future we can use photo reorganization instead of using heterogeneous database more over high speed, accuracy and non-redundant data are the main advantages of the proposed system. In the proposed system the user is provided with a choice of data screen, which are similar in formats to the source documents. Data entry errors can be minimized through validity checks. After the verification only the data are placed in the permanent database.