



Restaurant Service System

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Motivation/Innovation

We had the motivation to make this website after observing and undergoing the confusion and miscommunication that occurs in placing telephonic orders to local restaurants. Our site aims to digitize the process of placing orders, making the entire process simpler for the customer and the restaurant manager. The customer can also go through the menu online before placing an order and thus have an idea about the expected billing amount. This will help the customer make an informed decision.

Scope of the Project

The project is focused upon developing a web application that will allow the specific restaurant administrators to handle various food orders that are placed by multitudes of customers over the Internet. The customers can make use of this web application to post their orders online and view the consequent bill that is generated. The administrator gets to decide which orders are verified by him/her. The customer can also view the order status and review the order.

Methodology

The site was created using the concept studied in Software Engineering, Database Management Systems and Internet and Web Programming and using the following languages/services: **HTML, CSS, JavaScript, PHP, MySQL, WAMP and jQuery.**

Screenshot

Restaurant Management



Results

The website will allow the user to do the following:

Customer:

- > Register into the web application and save the delivery address
- > Browse menu of the associated restaurant
- > Determine the bill before placing the order
- > Place order through the web application
- > View order status and past orders

Restaurant Manager:

- > The restaurant manager will be able to receive a list of the orders placed
- > On the basis of inventory and demand for the dishes, the manager can plan the resources and appropriately confirm or reject the order
- > The restaurant manager can directly view a log of the orders placed and earnings from the orders. This eases the management process
- > Based on the demand for a product, the manager can allocate more resources for it in subsequent days

The system will help the customer in placing orders by removing discrepancies in communication. The manager will be able to allocate more time in delivering the order to the customer due to automated order receiving. This will increase the profitability of the restaurant.

Conclusion/Summary

The site is ready to be deployed and in the future can be extended to similar local restaurants to further their interests through digitalization.

Acknowledgments/References

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