



International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Enhanced Online Food Ordering System

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ABSTRACT

As of currently during this pandemic state of affairs workers ought to obey in numerous tables, it's terribly troublesome for peoples to take care of social distancing. so as to rectify these issues by taking orders in webpage by identifying table number and that they can give the food within the individual table. it's straightforward for customers to use this webpage for viewing menu and ordering food that they like. it's safe for the customers as a result of they will avoid the contact with the workers and maintain social distancing. This webpage can generate reports for customers further as for admin. the main motive of this webpage is to make our customers feel safe and secure.

Keywords:Table, Food, Order

1. INTRODUCTION

In this present situations customers wanted to maintain social distancing and to have safe hospitality in hotels. Hence all online services are available and foods are delivered to their houses from the restaurants. But the researchers propose various ideas of doing safe business in their restaurants itself and each model is having its pros and cons. But still lot of problems need to be rectified in this area this motivates to develop a webpage in this filed

MODULE DESCRIPTION

- Admin.
- Branch details.
- Customer Details.
- Fund transfer.

Admin:

The admin module has access to open and edit the things on the banking application. The admin can only get the access by entering the Id and Password. Admin can view customer details and he can also delete the customer's account if he wants.

Branch details:

The module provides complete flexibility for users to know lending products, supports and their branch details to know the current progress they made at the bank. And then admin can view the accounts that are created on the particular branches.

Customer details:

This is where the user creates his/her bank account by giving the basic details like account number, mobile number, address and password in order to register in online banking. After signing a popup message will be shown that the account has be created. After signing up the user sign into his/her bank account by entering the account ID and password which was created at the previous module.

Fund Transfer:

This is where the money transferring process is done. One can transfer the amount by giving the certain details like account number, account name, date, balance, total amount, transaction type and the balance after the transaction is also viewed.

2. LITERATURE SURVEY

Alavirtromer [1] developed an enhanced model for online food management it bridges the gap customer and food ordering system. The neural network based algorithm is used for mapping.

Bindran[2] Performed a survey about Online Food Ordering System using support vector machine model. The work is very useful and yield fruitful results.

Rajkumar[3] developed a online food waste management by managing various food and food tracking also done using neural networks.

3.METHODOLOGY

To address the pitfalls in online commerce a model “FlexShop” is proposed. Our methodology contain two algorithms. In first state the path minimizer algorithm is developed. This steps based algorithm takes graph and input and construct a tree which connects all the vertices in minimum distance. This finds the minimum distance from origin city to destination. The FSM based groping algorithm is used to map the set of items and their optiamal route. The set of input and response pair (I_i, K_i) is the input. q is the initial state. δ is the transition function which transforms the initial state to final state. F is set of final state which contains a group of items and their optimal path to source to destination. The proposed approach is helps to ship the item in optimum route without error.

In first stage the path minimiser algorithm is used. This algorithm provides the optimum route from origin to destination cities.

4.IMPLEMENTATION AND EVALUATION

The food ordering web page is coded using php. The calculation part defines the sum of the food ordered by the customer according to the quantity. The calculation are based on the food according to their quantity that are calculated in webpage and the food is ordered according to the requirement of the user. The each module is developed as a Java class. The developed modules are properly tested and validated. The outcome of the project is as expected all the module perform intended functionality. The Unit, Integration and system testing are performed as expected.

5.CONCLUSION

This webpage can facilitate in reduction of labour price concerned. The client will add any variety of food to the cart from any of the offered foods within the list by merely clicking the get button for every item. Once item is being added to the cart, customers will ready to see the bill on the correct aspect of the page. Once the client orders the food the admin ready to see the orders on the screen and begin to process the food. This project is extremely helpful for customers and therefore the admin to avoid huddled space within the building.

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