

Online Food Ordering Management System (Foodies)

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Abstract:-

Online food ordering system is proposed here which simplifies the food ordering process. This Online food order system database will be helpful for the business owners to extend their business just by placing the orders online and not visiting the restaurant. The proposed system shows an user interface and update the menu with all available option. Through these services restaurants can sell and distribute their resources at minimal resource usage effectively with high profits by gaining the customer trust. To develop this application database is the main part which will communicate through the application to retrieve the details. We will be creating the Online food ordering database with Oracle as a platform. There is no confinement for placing and receiving the orders, since the order can be placed online. There will be no waiting time with the vast amount of varieties at the comfortable prices. Database includes Customers can place their orders from different food categories and restaurant staff will process the orders and deliver the requested order with an expected delivery time, and asking the customers for the reviews and depends on the order quantity providing the rewards to the customers where they can claim money.

Key Skill:- JavaScript, HTML, CSS, MySQL, PHP.

1.Introduction:-

Now a days people are attracted to online business. Let us assume if there is any online business where customers can order their needs and the goods will reach them at the expected delivery time. It is very typical to establish a small-scale business with less resources to provide quality services. The customers of today are not only attracted because placing an order online is very convenient but also because they have visibility into the items offered, likewise online food ordering system customers can order their favorite foods and this database will be the barrier for the customers and restaurants to provide the services. Online Food ordering system is a process in which one can order various foods and beverages from some local restaurant and hotels through the use of internet, just by sitting at home or any place. And the order is delivered to the told location. Our solution provides ordering process for the restaurants and customers and the employees of the restaurants. The Items list and categories of the foods are available in the database so that a customer can place an order with multiple items. Once the order is placed restaurant employees process the order and deliver it to the customer at the expected delivery time. at the end of the order customer will know about the amount how much he had to pay for the restaurant for the order. Once the Order is delivered customer can provide the feedback to the restaurant.

2.Methods:-

[1] Customer table -:

- Functional dependencies:-
- Customer ID can determine first name, last name and middle name

Customer_ ID -> {First Name, Middle Name, Last Name}

- City can determine the state of c
- City -> {State of c}

[2]Category Table:

- Functional dependencies:
- Category id determines the category name.
- Category id -> category name

- Name-> category_id.

[3] Item Table:

- Functional dependencies:
- Item id can determine item name, Description and item price
- Item_ID -> Name , Price , Description
- Based on Item name we can determine Category

[4]Orders Table:

- Based on the order id we can determine who the customer is.
- Order_ID-> Customer id
- Based on the order id we can determine which item is ordered.
- Order_ID -> item_id
- Based on order id and item id we can determine quantity of each item ordered.
- {Order_ID, item_id} -> Quantity
- Based on the payment we can determine payment actual time.
- Payment -> Actual_time.

3.Conclusion:-

In conclusion for every front-end application we develop there should be a concrete database model to represent the application. In our case “Online Food ordering Management system” will represent real time anomalies. Developing a Database is never easy task during the process of creating the database we have learned so many things like taking the real worlds objects into considerations and creating the entities and attributes, normalizing the entire schema and analyzing the functional dependencies and the most crucial part is to retrieving the data.

4.Acknowledgement:-

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5.Reference:-

- 1]The main objective of the project is to learn and implement a real-time application on database for Online-Food Ordering System.
- 2] The project, concentrates on taking orders, streamlining the orders to a specified restaurant and billing. This Database will be a great solution for many start-up food business, they can just start initially with less funds by posting their menu online with this application.