UE17CS252 : Restaurant Management Database System

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Abstract

A restaurant management database is useful in the management of multiple restaurants. Our application ensures easy and efficient management of employees ,orders and bills of multiple restaurants.

In our application we keep track of the order placed, waiter who delivered it, customer who ordered it and chef who prepared it as well as the bill details of the order. Users can also update and add data to their restaurants. We provide information regarding each restaurant as well as statistical analysis of all restaurants on the whole. This is possible through our easy-to-use User Interface.

Technologies used

1.PostgreSQL - We use PostgreSQL for storing data in the database and for queries.

2. PHP - We used PHP for server-side scripting and to display the queried data on our webpage.

3. HTML5 and CSS3 - To design our website and to provide an efficient User Interface to the users.

4. Bootstrap Framework - Used for increasing the functionality of the website and better feel of the website.

5. XAMPP - We used xampp as our web server to host our website.

Outcomes:

We made a database application with functional front-end and back-end. The user can easily navigate through the UI and can manage the Restaurants with only basic knowledge. This application enables efficient management of Restaurants and their employees, orders and customers. Through our website one can easily add Restaurants and manage bills, menus etc. and view statistical analysis of our data.