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Online Food Ordering System using Android Studio and SQL

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ABSTRACT: A food is something that provides nutrients. Eat healthy, live long and live strong! This is what we are aiming through our proposed application. Higher operating profits ensure the survival of the business in the long run. Online food ordering gives customers the freedom and choice to place an order at virtually any time, from anywhere, saving the time and resources typically spent on travelling to pick up a meal. They can view food menu to order their desirable dish. Also they get the facility to filter food menu by price and view product detail. Pros of online food ordering system is A Seamless Process, Minimal Contact and Extra Perks and Options

I. INTRODUCTION

An online food menu is setup by the proposed food ordering system and as per their will customer can easily place the order. The management improve food delivery service and preserves customer's database. Motivation to develop the system is to deliver healthy and fresh food. Another inspiration can be considered as the increasing use of smart phones and online platform by the customers, so that any users of this system get all service of the system. There is the need for the system due to lack of a proper application that can fulfill the customer necessities by providing them food. For the students studying in different cities our system will be very helpful. To avoid users doing fatal errors and inappropriate action our system application is designed. Input will be taken by the user from the Graphical User Interface (GUI).

II. RELATED WORK

Our project is food ordering system & the best real time example in today's food market is Zomato.

How Does Zomato Work?

Zomato has been rapidly growing since 2008 and one of the successful startups in India. Even well-established business owners and entrepreneurs are excited to know how it works and how it generates huge profits even after offering attractive discounts. The main work of Zomato is to suggest local and nearby restaurants to users and receive orders from them. Users can place orders from their favorite restaurant based on ratings and reviews shared by previous customers. Perhaps this is why more and more startup owners are interested in developing an app similar to Zomato. It offers comfort to the users and helps business owners reach their local food business to new heights. Zomato's working flow is simple; let see how, within a few minutes, consumers can enjoy a delicious meal?

Step 1: From the desiccated app solution or website, users can explore various restaurants and order meals.
Step 2: Particular restaurant owners receive an order request and start preparing a meal.
Step 3: Once the food is ready to dispatch, it will be handed over to delivery providers.
Step 4: Delivery providers deliver the meal to the customer's preferred location.
Step 5: From the given payment options, customers can make payments and share reviews based on their experience. This simplicity encourages food lovers to order food online. If you are already engaged in the food business and want to expand its reach, investing in Zomato like an app will give you a promising return in the long run.

III. METHODOLOGY

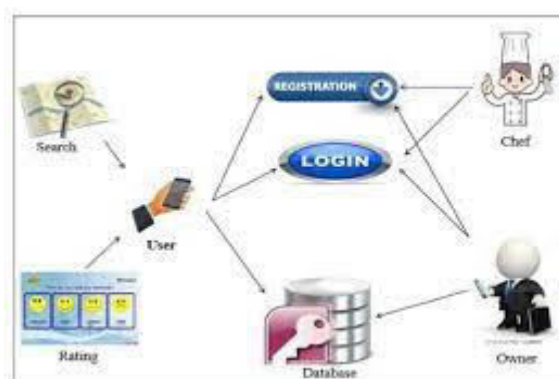
Our system will keep track of users order efficiently. Basically, we have put into effect a food ordering system for different type of users in which they will make order or make custom food by one click. By means of android

application for tablet PCs this system was implemented. We used Android Studio and SQL Lite to make this real time system. Use of smartphone by customer is considered as a basic expectation for the system. The system work aims to design and develop a wireless food ordering system. By providing higher quality customer service and reducing human errors to improve the management angle and sense. This application improved accuracy and efficiency of restaurants as well as human errors. We have tried to overcome the drawbacks of automated food ordering system and it requires a one-time investment of gadgets.

ARCHITECTURAL DESIGN



ONLINE FOOD ORDERING SYSTEM LOGO



ARCHITECTURAL DESIGN

IV. MOTIVATION OF PROJECT

As per to a survey conducted across India on food ordering systems and industries in January 2020, the leading motivation for ordering food was a change in taste and foodie personalities. Only 9% were motivated to order food online in order to catch up with friends. Food ordering system reduces manual works and improves efficiency. The main target of Food Ordering System is to manage the item category, food, delivery address, order, and shopping cart.

V. CONCLUSION

The application based on user's requirements and is user focused. Problems related to buyers have considered in the system. If buyers have understanding to operate android smartphones, then variety of consumers can use the application. To help and solve important problems of people enactment of this application is made. It can be culminating that, based on the system: Orders are placed efficiently also user can filter food menu by their budget. Hence, we have concluded the plan of action for Food Ordering System using Android Development.

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