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An Online Food Ordering and Management System

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ABSTRACT: An Online Food Ordering and Management System is a website designed primarily for use in the food delivery industry. This system will allow hotels and restaurants to increase scope of business by reducing the labor cost involved. The system also allows to quickly and easily manage an online menu which customers can browse and use to place orders with just few clicks. Once food is delivery user can post for collecting waste food so that It can be donated.

KEYWORDS: Online Food Delivery ,Customer, Food Items.

I. INTRODUCTION

The online ordering systems in the era of internet has ensured that all type of services, sales and products to be made online. Business has become more efficient for both the business person and the customers. It is now fast, accessible from anywhere and anytime and avoids the hefty physical transactions. The project food ordering system keeping all these things in mind provides a total solution to the field of online ordering systems. The idea behind the proposed website is to develop consistent, robust and user- friendly software that allows students to order their meals from anywhere in college. This service will work round the clock and thus will allow any student or staff members to order their food easily and efficiently, pay for your meals through you debit card, collect your order from canteen's order collection counter and enjoy your meal. We aim to become a pioneer in the online food ordering industry by completely focusing on customers, our employees, growth, innovation and efficiency. All of these elements will drive us towards success and show us as one company that can perform and give value for money. When it comes to online food ordering services, S-Café is the most trusted and reliable name in the online food business. The most advanced food ordering system offering to order food online, making full use of information technology to improve the level of our efficiency.

II. LITERATURE SURVEY

The study compares growth and operating strategies of four such aggregator food delivery companies in a booming indian market. We have compared the present Websites and Applications that are being used for this purpose.

1. Swiggy:- Swiggy is India's largest online food ordering and delivery platform, founded in 2014.

2. Zomato:- Zomato is an Indian multinational restaurant aggregator and food delivery company founded by Pankaj Chaddah and Deepinder Goyal in 2008.

Quality of food is the most important factor in people's evaluation of any of restaurant. The second most important factor varies by restaurant type. In fast-food, coffee shops, and take-out restaurants, it is speed of service; in family-type restaurants, cleanliness; in cafeteria, it is the selection of food; and in atmosphere/specialty restaurants, it is the atmosphere or décor. A combined result a SWOT analysis along with a comparative analysis of models found that there are a few bottlenecks to early food aggregator service. With the new system, the customers would be able to order their food from the comfort of their offices, classrooms, hostels and anywhere outside the school campus without queuing. The system will cater for the disadvantages of the traditional method which is currently in place.

III. METHODOLOGY

1. For accessing the website user first needs to authenticate himself/herself. If the user has already an account he/she can simply login using the email and password. If the user doesn't have an account, he/she can sign up/register from the signup screen as shown in the Figure-1. After successful signup and verification of the email, the user will be redirected to the login page for login, as shown in the Figure-2. From there he /she can login to the website. After successful login, the user will be can place the Food order.

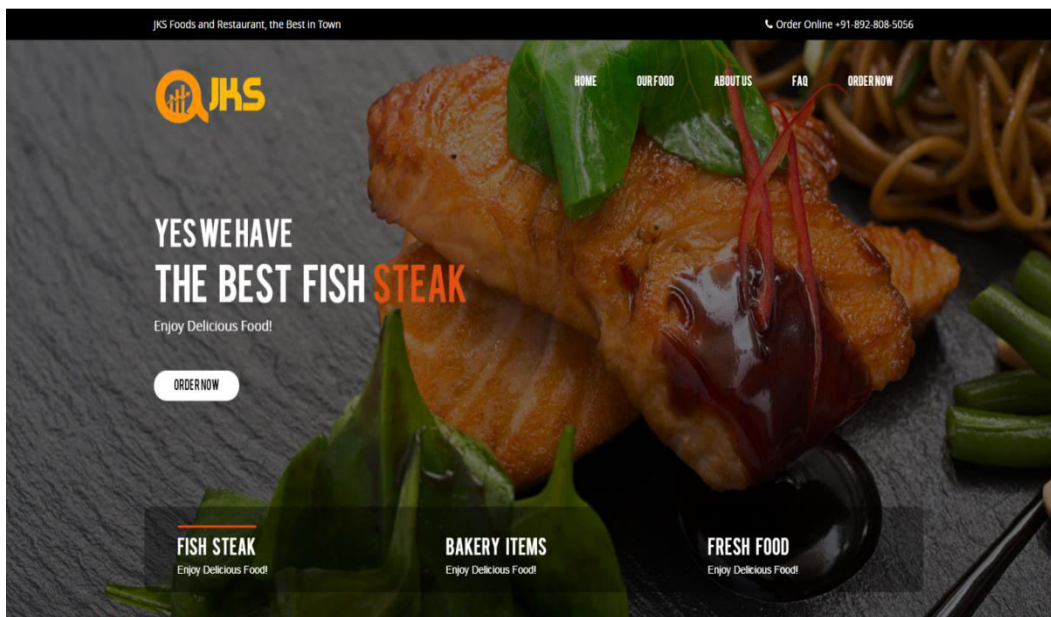


FIGURE 1:Home Page

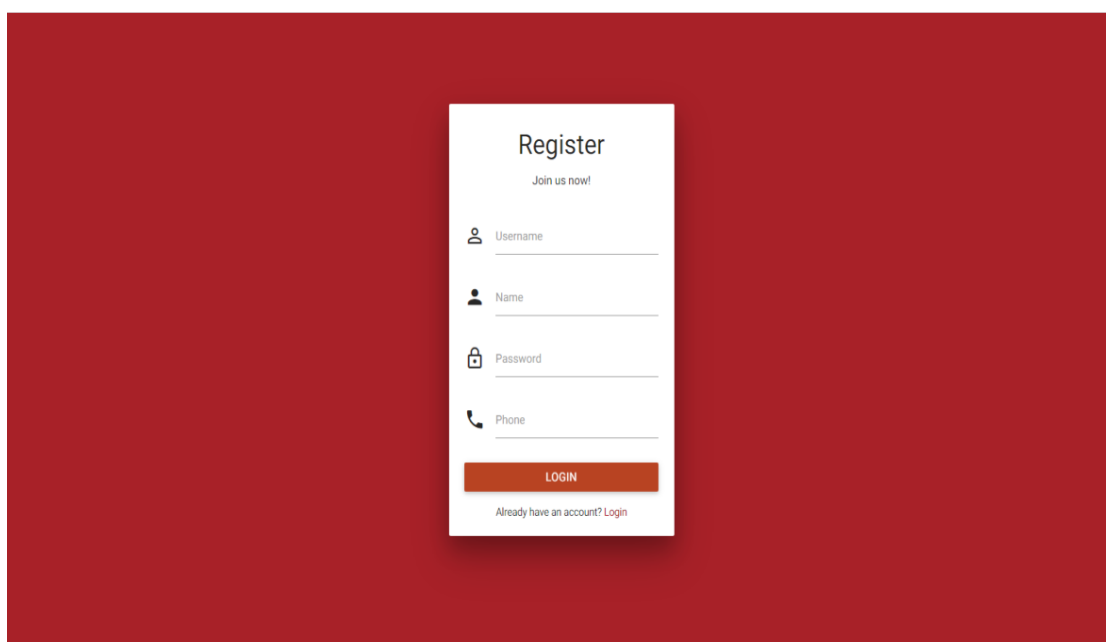


FIGURE 2:Register Page

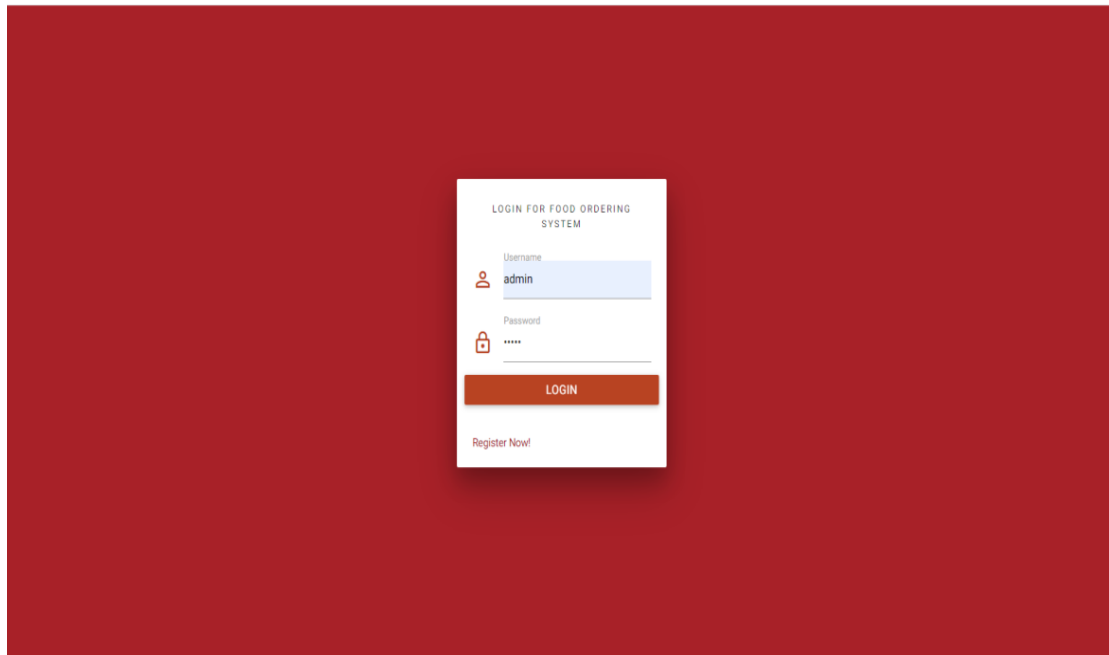


FIGURE 3: Login Page

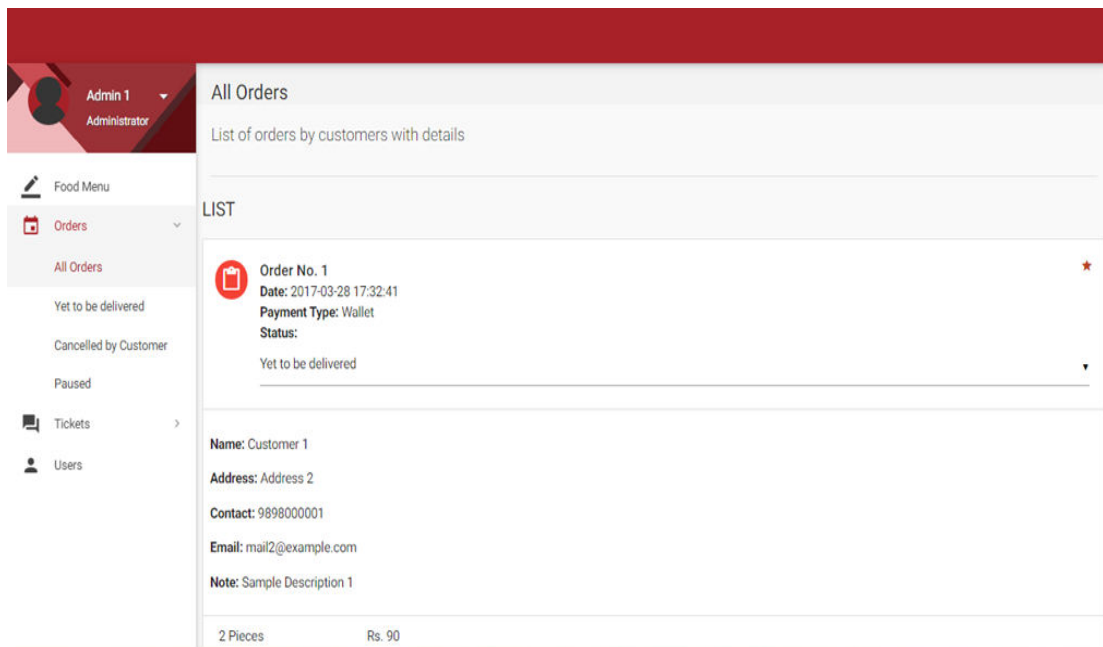


FIGURE 4: All Orders Page

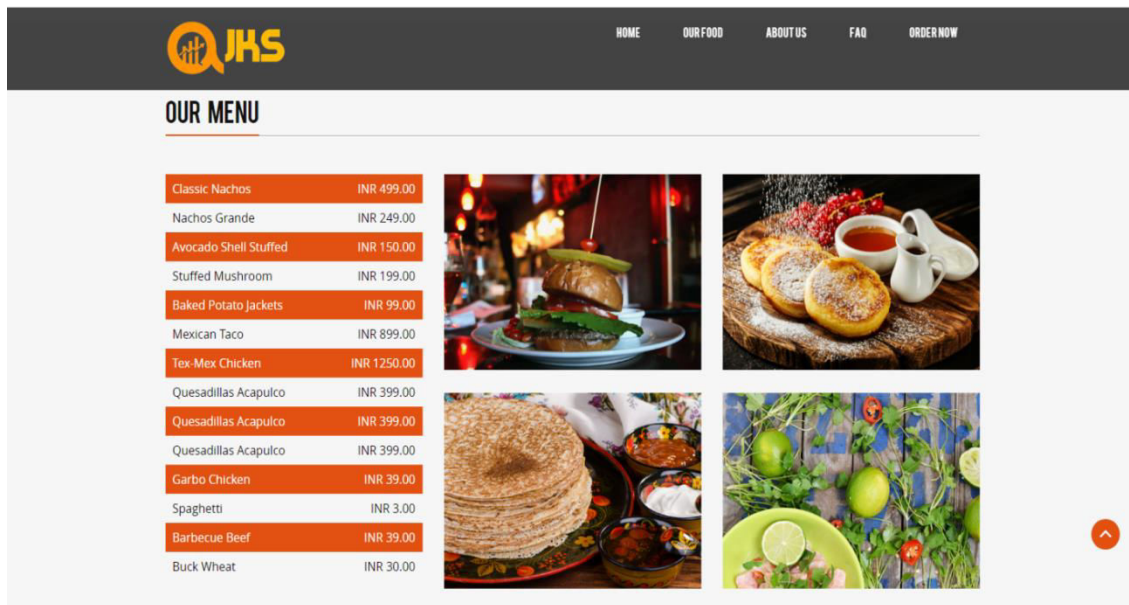


FIGURE5: Menu page



FIGURE 6: Menu List Page

2. After Successfully Register And Login Customer Can See The All Menus Of List As Shown In The Figure:5 And Figure:6

ONLINE ORDER

Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat.

<input type="text" value="Name"/>	<input type="text" value="Email address"/>
<input type="text" value="Phone No"/>	<input type="text" value="Select Deal"/>
<input type="text" value="Order Details"/>	





FIGURE 7: Place Order Page

3. Customer Can Place The Order After Checking The Menus Of List As Shown In The Figure:7.



HOME OUR FOOD PAGES GALLERY BLOG ORDER NOW LOCATION

Type in an address

GET IN TOUCH

<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>
<input type="text" value="Email Address"/>	<input type="text" value="Phone No"/>
<input type="text" value="Message"/>	

BISTRO

Phone: 1.800.555.6789
Email: support@bistro.com
Web: www.bistro.com
Address: 12345 North Main Street, New York

FIGURE8: Address Page

4. After Placing The Order The Orders Are Delivered Directly By The Swiggy Packaging Assist Suppliers. Different Items In An Order Could Be Fulfilled By Different Suppliers. We Will Share The Contact Details And Amount Payable For All Deliveries Via Email And SMS.



SOFTWARE & TECHNOLOGIES USED

The list of software's and technologies that we have used for our development purpose are

- [1]. Operating system: Windows 7.
- [2]. Browser: Any browser with .NET support, i.e. Chrome, Microsoft Edge.
- [3]. Front End: HTML& CSS.
- [4]. Scripting tool: JavaScript.
- [5]. Database: MySQL, PHP (fetching).
- [6]. Server: Wamp.

FEATURES:

- [1]. Take Away Ordering. The take away ordering is a win-win solution for restaurant owners and customers.
- [2]. Pre-Orders. Many customers like to pre plan their meal and be organized.
- [3]. Catering Orders.
- [4]. Scan & Order.
- [5]. Unique Webpage.
- [6]. Social Media Sharing.
- [7]. Search Engine Optimization.
- [8]. Combo Deals.

ADVANTAGES:

- [1]. Makes the ordering process easier.
- [2]. Efficient customer and order management.
- [3]. Monitor your expenses incurred in real-time.
- [4]. Free and cheap marketing.
- [5]. Better customers data.
- [6]. The convenience of mobile ordering.
- [7]. Stay ahead of the competition.
- [8]. Grow your bottom line.

IV. CONCLUSION AND FUTURE WORK

The idea behind the proposed website is to develop consistent, robust and user- friendly software that allows the user to place their orders online without wasting any time in queue to order their food. It helps the canteen administrator to manage the orders and fulfill the customer orders without any difficulty. The system services should provide how the system should react to particular inputs, and how the system should behave in particular situations. It specifies the software functionality that the developers must build into the product to enable users to accomplish their tasks.

Future Enhancements

- Manages the stocks available.
- Addition of mess facility for the students.
- Addition of delivery of orders for staffs.



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