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Homieforever Food Delivery Driven Company From Homemade Kitchen

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Abstract - *Customers enjoy the simplicity of the online food ordering system. It removes the shortcomings of typical queuing systems. This strategy boosts food takeout more than tourists. As a result, this approach improves the speed and uniformity of taking a customer's order. It gives a more robust platform for communication. The user's information is stored electronically. Before trying to log out, the customer can select more than one item to spot an order and view order details. The person purchases an order confirmation. The order is queued, updated in the database, and transferred in real time. Homieforever enables staff to go through orders in real time and process them efficiently.*

Key Words: Food ordering system, database, real time, queuing systems.

1.INTRODUCTION

Homieforever food delivery driven company from homemade room on-line food delivery company website, during which anyone with the expertise of constructing food items will sell their food products/dishes. The Homieforever on-line food delivery will be outlined as a straightforward and convenient approach for purchasers to get food on-line, without having to travel to the edifice or to depart the house. Homieforever delivers food from home with the system of delivery boys. a person will order food from our web site that contains a series of menus and might checkout or will pay on delivery(pay when the food is delivered). Homieforever create it simple for wife or a personal to sell their food.

The Homieforever setup menu on-line and also the customers simply place the order with a straightforward. Additionally with a food menu on-line you'll simply track the orders, maintain the customer's info and improve your food delivery. Customers will order with this online meal ordering system that creates a menu on-line. you'll additionally keep track of orders, build client info, and improve your food delivery service with an internet menu. This method permits the user to settle on from a menu of food products that they require to eat.

2. LITERATURE REVIEW

Case studies [1–3] have emphasised the difficulties that we found when opening an online restaurant. The following are some of the issues discovered during the survey in the existing system:

1. To place orders, the customer goes to the restaurant, looks over the menu, and selects the products needed, then places the order and pays. This strategy necessitates the consumer's manual time and effort.

2. When a customer wants to order over the phone, he or she cannot view the physical copy of the menu that is available in the restaurant, and there is no way to verify that the order was placed for the correct menu items.

3. Every restaurant needs someone to accept the order physically or over the phone, to provide a memorable experience for the customer, and to process the payment.

3. METHODOLOGY

End users can register online, choose food from the e-menu card, read the E-menu card, and order food online using this online application. By just selecting the meal that the consumer desires. After picking a dish from the E-menu card, the results will appear on the restaurant administrator's screen. The Waiter's task is decreased and, in some cases, nullified as a result of employing this application. The benefit of this is that if there is a rush in the restaurant, the waiters may be unavailable, and consumers can utilise this service to order meals directly from the chef. To log in, the user will be provided a username and a password.

Modules:

- Administrator module
- Customer Module

Administrator module

The administrator has access to all of the user's information and can edit all of the customer's details.The list of things that administrator could control are:

- Manage food categories
- Manage Food item
- Create food category
- Manage user order
- Add food item

Customer Module

These Functionalities provided:

- View product's list
- Register
- Place orders

Software Required:

1. PHP (Hypertext Preprocessor): PHP is a general-purpose programming language that was originally developed for constructing online applications. PHP code is run in a specific order, beginning with a PHP interpreter, which is subsequently turned into a web server module with the produced w\seb page[1].
2. Xampp: XAMPP is a free and open-source cross-platform web server solution stack bundle built by Apache Friends, which includes mostly of the Apache HTTP Server, MariaDB database, and interpreters for PHP and Perl scripts.[2]
3. Code editor

Hardware required:

1. Hardware Requirement:
2. Hardware - Pentium(Minimum)
3. Speed - 1.1 GHz(Minimum)

4. MODELING AND ANALYSIS

As shown in Figure 1, this is the admin use case diagram/model of the Homieforever food ordering system.

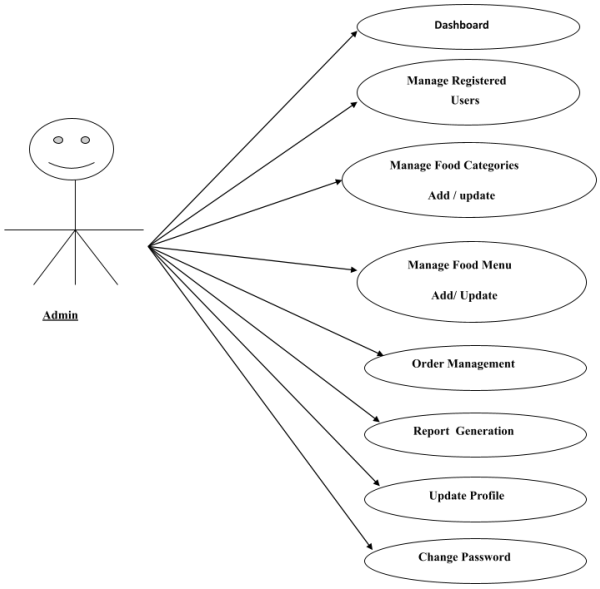

Figure 1: Admin use case diagram for Homieforever

As shown in Figure above, this admin use case diagram shows the operations that admin could control/operate while the use for Homieforever.

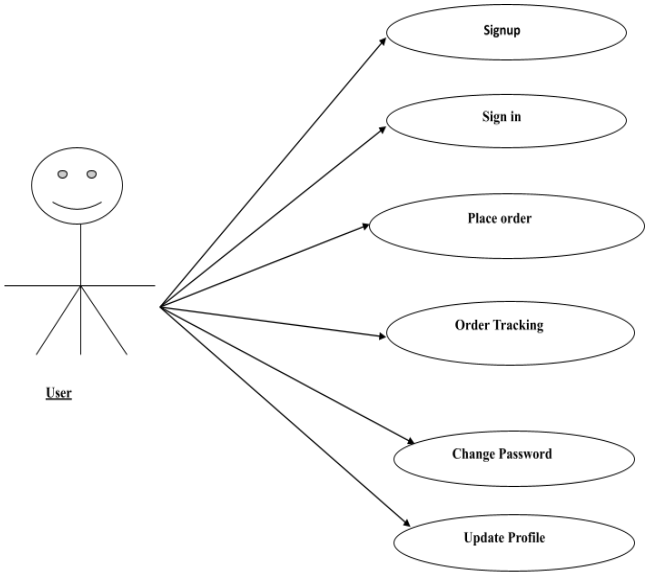

Figure 2: User use case diagram for Homieforever

As shown in Figure above, the user use case diagram shows what the user/customers could do while ordering food in Homieforever.

The online food delivery market in India is expected to grow at compound annual growth rates of 30.55 percent (based on revenue) and 10.19 percent (based on user base) between 2020 and 2024, generating INR 1,334.99 billion in revenue and 300.57 million users by 2024[6].

5. RESULTS AND DISCUSSION

Our Web-based application's end result. When a customer places an order for a mess, the order Id is dynamically shown on the screen.

The following output are drawn from our system:

i. Customers could successfully order food.

ii. Customers could successfully create and manage their accounts.

iii.Order could successfully be tracked.
iv. Admin can successfully review the orders.

v. Admin can successfully add, remove and manage menus.

People can easily order food with the help of Homieforever. It can also ensure that people do not waste their worthwhile time and spend it productively on other tasks. In the long run, this will ensure that workforce costs can be reduced. Homieforever can outperform other platforms throughout terms of cost effectiveness and dependability. When compared to other systems, the whole system is simple to use and could make customers happy with good food delivery service.

The end result of our system which is a web-based application. When a customer places an order for a restaurant or a mess, the order number is interactively displayed on the screen. The customer can check the status of the order using the order number provided after the order is successful.

Output screens

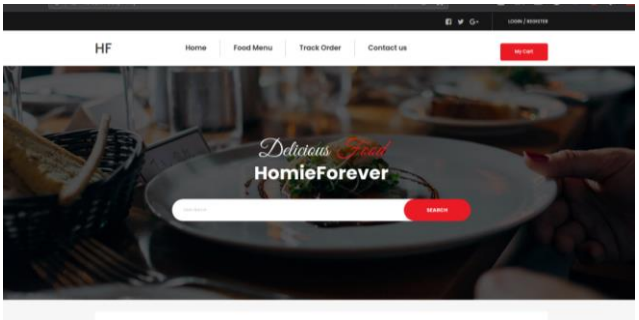

Figure 3 (a): The above snapshot shows the homepage.

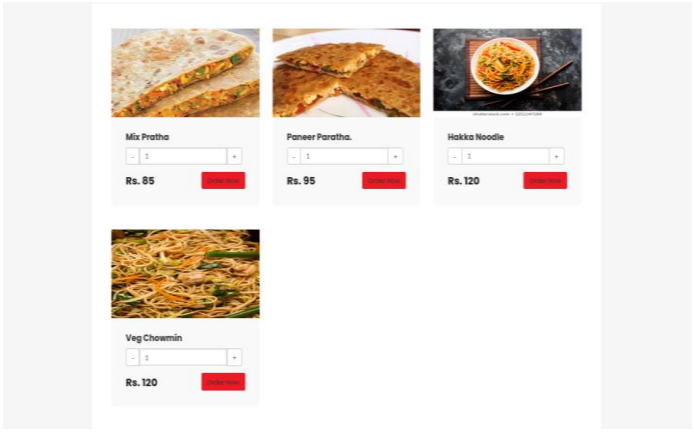

Figure 3 (b): The above snapshot shows the menu page

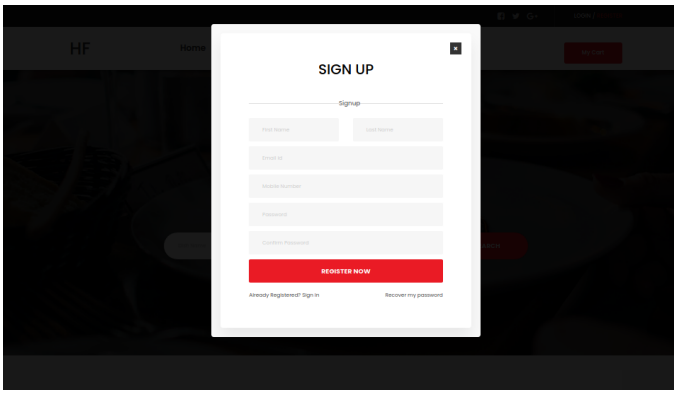

Figure 3 (c): The above snapshot shows the login page

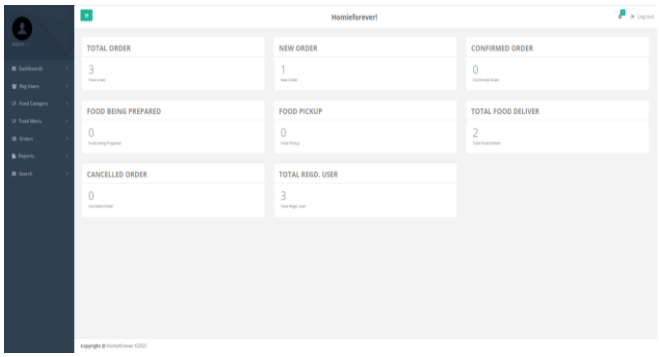

Figure 3 (d): The above snapshot shows the admin panel

6. CONCLUSIONS

Homieforever is a website where customers can place meal orders without having to wait for a waiter to accept their order. End users register online, read the E-menu card, and select food from the E-menu card to order food online using the application.

Based on the application, it can be concluded that: Orders are placed easily by this system, required information for placing orders with purchasers is provided by the system. The application allows users to receive orders and alter

data, as well as assist administrators in managing the entire food system.

7. ACKNOWLEDGEMENT

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8. REFERENCES

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