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FOOD & BEVERAGES PROJECT

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Project ID:2273

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1.ABSTRACT

This project is based on food & beverages application named ‘Tummy Truckers’ which will help the users to order the food with ease and numerous new features are added.

The ‘Tummy Truckers’ has been designed to fill a specific niche in the market by providing small restaurants with the ability to offer their customers an online ordering option without having to invest large amounts of time and money in having custom software designed specifically for them. The system, which is highly customizable, allows the restaurant employees to easily manage the site content most importantly the menu themselves through a very intuitive graphical interface.

The website, which is the only component seen by the restaurant customers, is then built dynamically based on the current state of the system, so any changes made are reflected in real-time. Visitors to the site once registered, are then able to easily navigate this menu, add food items to their order, and specify delivery options with only a few clicks, greatly simplifying the ordering process. Back in the restaurant, placed orders are promptly retrieved and displayed in an easily readable format for efficient processing.

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2.PROJECT OVERVIEW

2.1 Purpose, Features and Objective

2.1.1 Purpose of the System

An **online food ordering system** **JAVA JSP MYSQL** is a web-based application that stimulates the foodies (customers) to put food orders through internet by locating their favourite restaurant or nearest one.  This application is based on the **JAVA, JSP (Java Server Page ), MYSQL**  platform.

The **online food ordering system** **JAVA JSP MYSQL** provides convenience for the customers. It overcomes the disadvantages of the traditional queuing system. This system increases the takeaway of foods than visitors. Therefore, this system enhances the speed and standardization of taking the order from the customer. **The online food ordering system JAVA JSP MYSQL** set up menu and the customers easily places the order with a simple mouse click. This system allows the user to select the desired food items from the displayed menu. The use r’s details are maintained confidential because it maintains a separate account for each user. An id and password is provided for each user. Therefore, it provides a more secured ordering.

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2.1.2 Features

Maintaining Customer Records Secure:

The use r’s details are maintained confidential because it maintains a separate account for each user. An id and password are provided for each user. Therefore, it provides a more secured ordering.

Order Food:

In this module, any registered customer can order food from this system. This page features 15 different food items with their image, name, price, and quantity. IF a user wants to order food, they must click the food item and then choose number of items(quantity) they like to order

Rate the Food and Restaurant/ Delivery Boy:

IN order to rate food, the customer needs to enter the food name and then retrieve the data of the food. Then, the user can select the rating form 5 different ratings (1-5 stars).

Online Payment System:

the customer needs to enter their username, PhonePe, Gpay,Paytm,credit card number, expiration date, and CVV. For the price, it is automatically inserted by the system after calculating the total order price. The user can pay their bill by clicking the confirm button.

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2.1.3 Scope of the System

Though there are many online hotel booking and food ordering websites available on internet but this can compete with them with some advancement in its functionality. Easy registration to the system gives the user a digital experience of design, view and easy book hotel rooms, find favourite food from the menu and secured money transactions. With so many choices of food, beverages and hotels the proposed project can be used by any person or organization to easily book hotel rooms. Even the last minute booking is available. Food hotels and beverages system provides different offers to users, food can be ordered without any limit on quantity. Free and fast delivery service is provided

2.2 KEY ROLES

|  |  |  |  |
| --- | --- | --- | --- |
| PROJECT ID | NAME | ROLE | MAIL ID |
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2.3 ASSUMPTIONS AND CONSTRAINTS

2.3.1 Assumption: N/A

* + 1. Constraints:
  + Hardware Constraints
* System Type 32 bit or 64 bit
* RAM 4 GB
  + Software Constraints
* Operating System Windows 8 and higher
* Back End Programming Language JAVA, J2EE
* Front End Programming Language HTML,CSS,JSP,

JAVASCRIPT,ANGULAR JS

* Architecture MVC
* Environment JRE 8
* Platform JDK 1.8
* IDE Eclipse Luna version
* Database MYSQL
* Testing Junit

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* Server Apache Tomcat 8.0
  1. MODULES
* Home Page
  + - * + About us
        + Contact
        + Site map
* Login/Signup

Login(new/existing user)

Forgot Password

* Restaurant
  + - * Can Register themselves(unique Id)-Authentication(Login/Signup)
      * Add/Update the food menu
* User
  + - * Profile ->Create,Update,Delete,View
      * Search the restaurant(getRestaurantByName and city)

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* + - * Add to cart, move from cart
      * Apply coupons as per bill amount
      * Place or cancel the order
      * Amount paid will be refunded if the order is cancelled
      * Get the bill
      * Order status (Successful, on the way, delivered)
      * Providing rating
      * Get suggestions for a particular order from different restaurant for higher rating (UNIQUE)
* Delivery Boy

Register

Accept to deliver the item using Id

* Payment
  + - * + Add payment (verification)

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