PES UNIVERSITY

SOFTWARE ENGINEERING

UE20CS303

FOOD
ORDERING SYSTEM

GROUP NUMBER – 01

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PROJECT DESCRIPTION ON FOOD ORDERING SYSTEM

In this project we aim to develop an online Food ordering system that enables users to view food options, place order and view order status.

In this project we aim to develop an online Food ordering system.The website can be entered as a admin/user by providing valid credentials or a sign-up page for new users. Site first displays all the available food items with their cost and add to cart feature. The page also supports a search function to search for a particular food item. After adding required food items to the cart a sum total is calculated and payment options are prompted which after competing a bill is sent via mail and status of the food can be observed on site.

The admin controls the addition of food items into the website, disable and enable food items . Add new restaurants.

The application aims to automate the existing manual process by providing users the flexibility to order food online from the convenience of their homes or anywhere they might be.

The application can be used by anyone - students, families, elders, working community etc.

The Online Food ordering system provides the menu online and the has a separate sign up for user/admin.

The project can be categorized into the following key functional areas:
   a) Sign up and Login – for both user and admin authentication & verification.
   b) Food catalogue,page Adding to cart, updating cart
   c) Payment handling system

    d) Admin functions

The following are the main user interfaces of the application:

1.Sign-up and login page
    a) Login page
        i.   Login as user with username/email and password
        ii. Login as admin with email and password
    b) Sign Up by providing
        i.   User name/Admin
        ii. Email
        iii. Password
        iv. Address
        v. Pin-code
        vi. Phone number
2.Food menu page
    a) Food items listed under different food categories
    b) Search option
3.Add to cart feature
    a) Ability to add multiple food items to the cart
    b) Add/remove items
5.Add other address if required
6.Calculate bill
    a) Extra delivery charges outside a defined range
    b) Bill receipt sent via mail
7.Payment option
    a) Remember payment details
8.Display bookings
9.Feedback form
10.Log out page

The following are the Functional features that are available to the User :

    a) The registered user can access the account with valid
        credentials. An id and password are provided for each user and

the user's confidentiality is maintained via separate account for each user. Hence providing a safe and secure food ordering system.

b) Users can select desired food items from a list of available menu items provided by local hotel or restaurant. User can surf the food item according to categories.

c) The user can place orders for the food-items of their choice from the list. User can add or edit or delete an item from various categories.

d) The user can make payment online or pay on delivery. Several encryption techniques have also been used on server side to protect the card details.

e) User can track their orders with the food details.

Admin functions :

A) The admin has authority to update the list of restaurants.

B) The Admin can handle the functionalities like add new food items, edit/delete food items, enable/disable the food items according to season and availability.

C) The payment transaction and user details are also viewable to admin.

D) The admin can maintain the customer's database and advance the food delivery system.

Short term Road-map

● Get the static web pages ready for the food ordering website
● Set up the local host server for the website
● Set up the database for storing the user information
● Implement the login and sign up features

Functionality split up

- Food catalogue,page Adding to cart, updating cart : J P DANIEL CHRISTOPHER
- Payment handling system : KARAN CHOUHAN D
- Admin functions : EMIL BLUEMAX
- Sign up and login : SHADAB KOUSER