SOFTWARE REQUIREMENT SPECIFICATIONS

SUBMITTED BY,

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BATCH:PYTHON 122

TOPIC:ONLINE FOOD ORDERING SYSTEM

ABSTRACT

The purpose of online food ordering system is to automate the existing manual system by the help of computerized equipments and full-fledged computer software,fulfilling their requirements,so that their valuable data or information can be stored for a longer period with easy accessing and manipulation of the same.The required software and hardware are easily available and easy to work with. Online food ordering system,as described above,can lead to error free,secure,reliable and fast management system.It can assist the user to concentrate on their activities rather to concentrate on the record keeping.Thus it will help organization in better utilization of resources.The organization can maintain computerized records without redundant enteries.

MODULES

1. Admin

Admin can manage items,orders,categories and users. Admin have the authority to add, remove or update the website information.

2. User

User can register into the page and login,user can view the products,Add to cart and checkout the order.

3.Catering Service

The Catering servicers can register and login into the website they can take the order or reject the order. They can also add their company details and menu card into this website.

DESIGN

1.User Login and Sign up Page

The first page has buttons for login and sign up. On clicking these buttons, it will open up a modal for their respective use cases.

The login modal will have the following text boxes and the login button:

- **Username**: to enter the username. Username can be alphanumeric.

- **Password**: to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length.

There is also a provision to reset your password, in case the user forgets it. On login, the user will be redirected to the Home Page.

The sign up modal will have the following textboxes for the user to sign up to our website :

- **First_name**: to enter the first name. First_name must be entirely alphabetic.

- **Last_name**: to enter the last name. Last_name must be entirely alphabetic.

- **Email_id**: to enter the email address. Email can be alphanumeric and it must contain '@' symbol.

- **Password**: to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length. The password will be saved using encryption methods for security.

- **Phone number**: to enter the phone number. It must be entirely numeric and must be at least 10 characters long.

- The user will also have to verify a captcha to prevent bots from signing up to our webpage.

This registration will provide the user with customer profile id.

2. Home Page

The home page will have a navigation bar. In the navigation bar, a hyperlink to food ordering page will be provided.

3. Food items

In food items user can select food from the given list and order their favourite food.

4. Restaurant Page

In restaurant page restaurants can register/ login and add their details about the food.

5. Admin Page

The Admin page can only be accessed by the admin of the website. The admin can add other users in admin page if required. The admin can access through the information of food items. Admin also has the authority to approve or reject a particular user registration request.

6. Cancel page

In-order to perform cancel user have the option to cancel the ordered food.

Database design

1. Food items

Field Name	Data types	Constraint
food_id	int	primary key
food_name	varchar(50)	
Restaurant_name	varchar	

2. Restaurant

Field Name	Data Type	Constraint
Restaurant_id	int	Primary key
Restaurant_name	varchar(50)	
Restaurant_location	varchar	
food_id	int	

3. User

Field Name	Data Types	Constraint
user_id	int	Primary Key
first_name	varchar	
last_name	varchar	
email_id	varchar	
phone_number	int	
username	varchar	
password	varchar	

4. Cancel

Field Name	Data Type	Constraint
id	int	primary key
user_name	varchar	
customer_profile_id	int	