Week 2

Proposed Solution:

The proposed solution consists of the solution to the existing problem that the users face recently. The problem of having separate websites for all the functions can be solved with this solution. Every restaurant can have their own websites for the development of their businesses. The websites usually have the process or privilege of doing either the reservation in a particular restaurant or the delivery or the takeout processes. The users usually use separate websites for each of these functions which makes it difficult for them to do all the processes.

Hence, the solution for that kind of problem should be that those processes that are done in separate websites can have a single website so that it makes easier for the user to use. This type of website serves to be user-friendly to the users. In this website, several processes such as viewing menu of the restaurant, making a reservation for a table on any particular day at any time, ordering the food for delivery, etc. is made available in a single website so that the users need not go through the trouble of using separate websites for each and every processes. The website intends to provide a good user interface to the user by providing various options to the user.

The website consists of pages such as the information about the restaurant, information regarding the contact of the restaurant, notes about chefs in that restaurant, reviews of customers examples, table reservation, different types of dishes under the menu and the food ordering. The about page consists of the information about the restaurant. The users can know what the restaurant is about by looking at the about page. The contact details are given in the website itself so that the customers or users can contact them for any queries. They can either call them directly or email them via the given email address. The table reservation option is used to reserve a table beforehand for their own purposes. It can be reserved by filling the details such as the customer's name, phone, email address, number of people, date and time during which the table should be reserved. After clicking on, book a table button, the table will be reserved on that mentioned date and time with their names in the restaurant. The menu option given shows all the dishes that is being served in the restaurant. All the dishes with their types are mentioned in the menu page with their price details. These list of dishes under the categories makes the user to get a better understanding of what the restaurant serves. People can also order their food through adding the dishes they want in the cart and they can also either select to pay online or cash on delivery. These details if given in the website of any restaurant, will be very useful for that particular as all the options that are required in a website to provide a user-friendly environment to browse.

The drawbacks that are faced with the existing system can be overcome by using these ways. The proposed solution can be implemented to overcome by using the above processes.

Tools and Technologies used:

Frontend:

- HTML
- CSS
- JAVASCRIPT
- BOOTSTRAP

Backend:

- PHP
- MYSQL

Features included:

- **All – in – one restaurant management system:** The restaurant management system has all the features embedded in one system.
- **User – friendly ordering process:** Users can easily view all the options in the restaurant website and all the processes are made easier to be user-friendly.
- **Online payment system:** Users can either choose the online payment or cash on delivery for payment procedures.
- **Reservation system:** The table can be reserved beforehand for the user's meetings.

Advantages:

- Makes the ordering process easier.
- Efficient customer and order management system.
- Improved customer experience.
- Easier to place orders.
- Easy table reservation

Example of Existing Solution:

- **Zomato:** https://www.zomato.com/
- **Swiggy:** https://www.swiggy.com/
- **Ubereats:** https://www.ubereats.com/
- **Foodpanda:** https://www.foodpanda.com/
- **Deliveroo:** https://deliveroo.co.uk/
- **KFC:** https://online.kfc.co.in/

Comparison with Existing Solution:

FEATURES	EXISTING SOLUTION	PROPOSED SOLUTION
All in one feature	There is no all in one feature	It has all in one feature.
User-friendly systems	Present in some of the systems	Present
Online payment system	May or may not be present	Present
Reservation system	May or may not be present	Present
Food ordering and delivery	May or may not be present	Present