

# **Human Computer Interaction**

Course Instructor

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Project Title

**Complete Responsive and Dynamic Food  
Ordering Website**

Submitted By

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Section

**BSCS-10A**

## **Inspiration & Design Philosophy**

In our previous semester the project was assigned to us and in that project, we must use relational database MySQL, we researched on the project while research the idea that the website must be a food website inspired us a lot then we both group mates agreed on this topic “Complete Responsive and Dynamic Food Website” which should be compatible with every type of interface device like laptop. Mobile, and tablet and the data on the webpages should be dynamic not dummy, as we had clear idea that what we can do in this website at the back-end and we had previous experience to use ecommerce websites so we thought that it suits for our project and it was a very nice idea.

The website is aimed to provide delicious food at customer's doorstep with very simple and easy steps, without going outside for buying food which requires struggle, and the process is time wasting also, another thing is physical shops remain closed in nighttime but now people don't need to worry because we bring a charming facility which provide delicious food at door step any time with cash on delivery.

The key design is food pictures we have included which attracts users a lot and make them order tasty and delicious food from our website and how we have structured and designed. The interface is inspiration of visiting different attracting food websites and our brains creativity, The website is fully responsive reliable for both desktop computers, tablets and mobile phones that cannot make any unreliable changes in interface while shifting from one platform to another platform also it is dynamic which means the data on the screen is not dummy it is retrieved from the database and it can be changed by owner and manager and to some extent user can change his own data while staying at website without changing source code. The website is not ornamental it is easy and straightforward focuses on users, food, and order.

## **Usability Goals**

usability is just about the “ease of use” of a product, service, or system.

### **Effectiveness**

effectiveness of system means to how much extent the user can use the system with minimal errors and high accuracy, we have implemented many constraints to achieve effectiveness of our system, for example data user send to database should not be empty, unreliable, or vulnerable content.

### **Efficiency**

Our system is so efficient that the user can order food in just few steps, just he has to do is login, find and select food, add to cart, enter address details, and boom the process is completed.

### **Consistency**

Every page of our website has almost same interface, the header and footer are same everywhere design and color combination is same on every page. Text fields, input fields, labels, forms, and buttons have same style and interface.

### **Visibility**

Our website has almost everything clearly visible, the text size is reliable, the color combination is in contrast which increases visibility of our system, we chose food pictures which increases user thrust for food also we did not use cluttered content which decreases visibility, we used simple and separated content.

### **Familiarity**

For familiarity we used many conventions in header, footer, logo and in many more thing which are obvious to user, user should not have any difficulty in visiting our website or ordering food from it.

## Technical difficulties

- We have faced many technical difficulties during development this website.
- First Difficulty was knowledge of IDEs, programming languages, and scripting languages.
- Next difficulty was the style and interface that how we can implement, and which color and design should be reliable.
- Another difficulty was making our website responsive, if we make our website excellent for one system like laptop then at the same time it was bad interface for tablet and mobile, responsiveness tools of CSS and JavaScript helped us making our website excellent looking on device these devices.
- Other difficulty was shifting from .html files to PHP files as these were not running directly, we must install a web server for this and then we installed XAMPP web server and then used our website there
- Next difficulty was databases, how the data communication takes place between our website and the database for this we used PHP and the database is MySQL.