ECOMMERCE WEBSITE DEVELOPMENT

INTRODUCTION:

Create an eCommerce website with cloud computing. In this phase we design the ecommerce website called “EATWELL”. The general conditionds and the steps involved in designing the ecommerce website are given below.

GENERAL CONDITIONS:

Create an Ecommerce website is a complex task that typically requires web development skills and tools. If you'd like to create one, here are some general steps to get you started:

Planning:

Define your niche, target audience, and business goals. Decide what products you want to sell and how you'll fulfill orders.

Domain and Hosting:

Choose a domain name and a reliable hosting provider.

Choose an eCommerce Platform:

Popular platforms include Shopify, WooCommerce (for WordPress), BigCommerce, and Magento. Select one based on your needs and budget.

Design:

Customize the website's design, ensuring it's user-friendly and visually appealing. You might want to hire a web designer or use a pre-designed theme.

Product Listings:

Add product listings with high-quality images, detailed descriptions, and pricing.

Payment Gateway:

Set up a secure payment gateway to accept online payments.

Shopping Cart:

Implement a shopping cart system that allows customers to add and manage items.

Security:

Ensure the website is secure with SSL certificates and other security measures.

Shipping and Logistics:

Set up shipping options and integrate them with your preferred carriers. Determine your shipping rates and policies.

Legal and Compliance:

Make sure your website complies with e-commerce and privacy regulations in your region.

SEO and Marketing:

Optimize your site for search engines (SEO) and plan marketing strategies to attract customers.

Testing:

Thoroughly test the website for usability and functionality, including payment processing and security.

Launch:

Once everything is set up and tested, launch your eCommerce website.

Maintenance:

Regularly update and maintain your site to ensure it runs smoothly and remains secure.

Customer Support:

Provide excellent customer support to address inquiries and issues.

The steps involved in desining the ecommerce website:

Step 1: Project Planning

Define the scope and requirements of your eCommerce website. Decide what kind of products you want to sell and outline the main features of your site.

Step 2: Choose a Development Approach

You have a few options here:

Custom Development: You can build the website from scratch using HTML, CSS, and JavaScript for the front-end and a back-end technology (e.g., PHP, Python, Node.js) for the server. This option is more time-consuming but gives you complete control.

Content Management System (CMS): You can use a CMS like WordPress with an eCommerce plugin (e.g., WooCommerce) to simplify development.

Step: 3 Set Up Your Development Environment

Choose a code editor or an integrated development environment (IDE) to write your code. Install a web server (e.g., Apache or Nginx) for testing your site locally.

Step 4: Design the Website

Create wireframes and design mockups for your website's layout and user interface.Use HTML and CSS to implement the design.

SOURCE CODE(example)

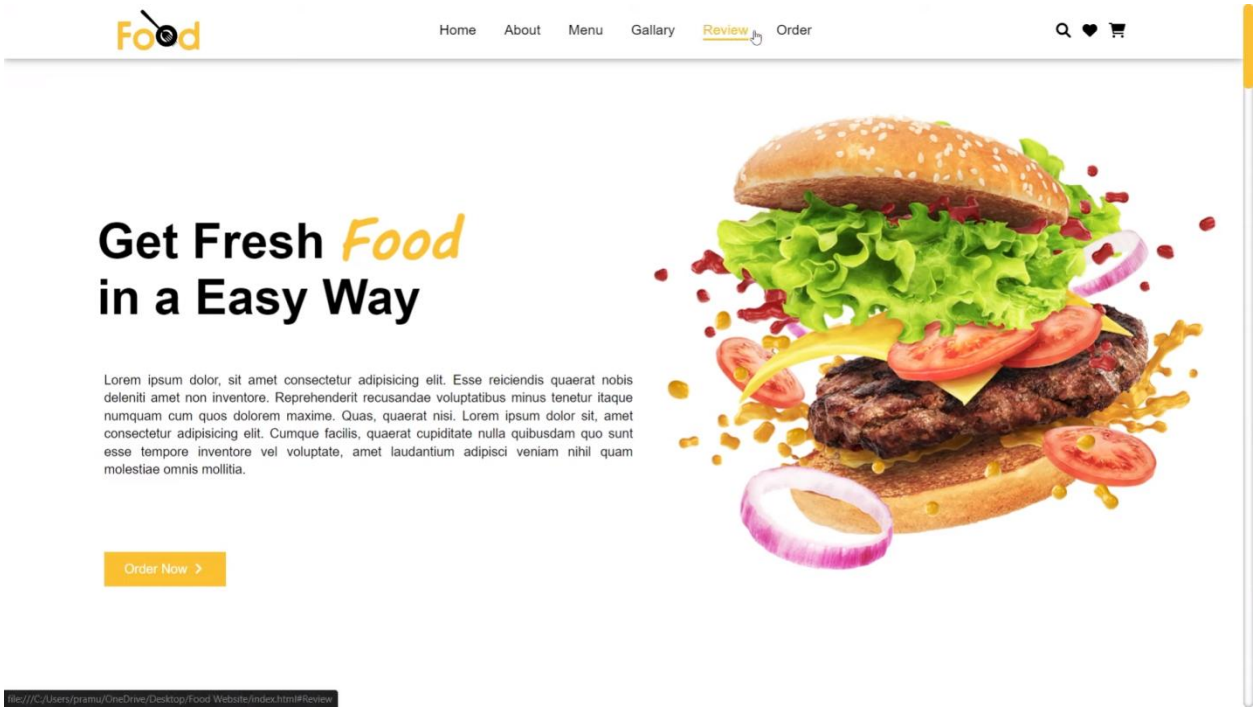
```html
<!DOCTYPE html>
<html>
<head>
  <title>Delicious Food</title>
</head>
<body>
  <header>
    <h1>Welcome to Delicious Food</h1>
    <nav>
      <ul>
        <li><a href="#home">Home</a></li>
        <li><a href="#menu">Menu</a></li>
        <li><a href="#about">About Us</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>
  <section id="home">
```

```
    <h2>Explore Our Tasty Dishes</h2>
    <p>Welcome to Delicious Food! We serve a wide range of delectable dishes to satisfy your cravings.</p>
</section>
<section id="menu">
    <h2>Our Menu</h2>
    <ul>
        <li>Appetizers-chiken nugets,veg nugets,paneer tika,mushroom pepperfry</li>

        <li>Main Courses- noodles,briyani, fried rice,paroota</li>
        <li>Desserts- gulab jamun,rasahulla,ice cream,kajukatli</li>
    </ul>
</section>
<section id="about">
    <h2>About Us</h2>
    <p>Learn about our history and our commitment to providing the best food in town.</p>
</section>
<section id="contact">
    <h2>Contact Us</h2>
    <p>If you have any questions or want to make a reservation, don't hesitate to contact us.</p>
</section>
<footer>
    <p>© 2023 Delicious Food</p>
```

```
  </footer>
</body>
</html>
```

```**Step 5:** Implement eCommerce Functionality.

If you're building from scratch, set up a database to store product information and user data.

Implement product listings, shopping cart functionality, and the checkout process.

Integrate a payment gateway (e.g., PayPal, Stripe) for processing transactions.

**Step 6:** Security

Implement security measures, such as SSL certificates for data encryption.

Validate and sanitize user inputs to prevent security vulnerabilities.

**Step 7:** Testing

Thoroughly test your website for functionality, usability, and security.

Fix any bugs or issues you discover.

**Step 8:** Documentation and Presentation

Create a project report explaining your design and development decisions.

Prepare a presentation for your college project to showcase your eCommerce website and discuss your process.

**Step 9:** Deployment

Once you have completed your project and it has been graded, you can deploy it to a web server if you want to make it accessible online.

## IMPLEMENTATION OF DESIGNING THE ECOMMERCE WEBSITE:

Website name: **Delicious Food(food)**

**Step:1**
```

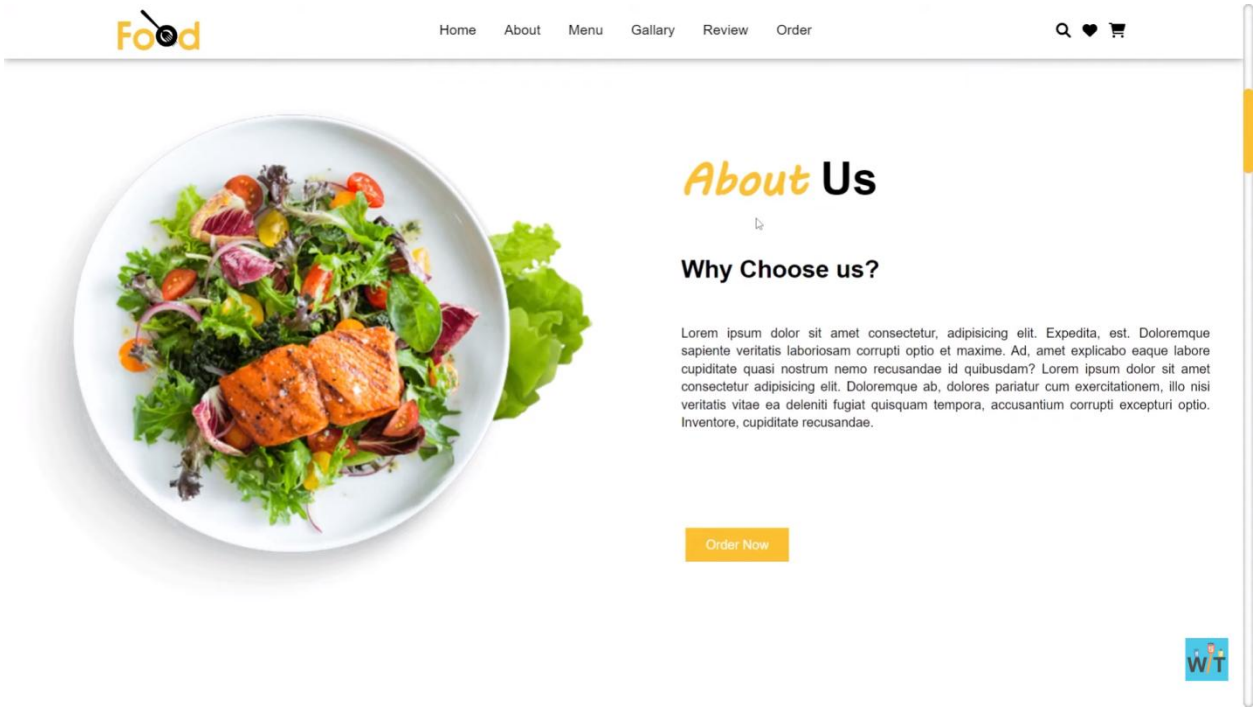
HOMEPAGE:



This is the home page of our website that we have created with adding navbar and pictures to attract the viewers.

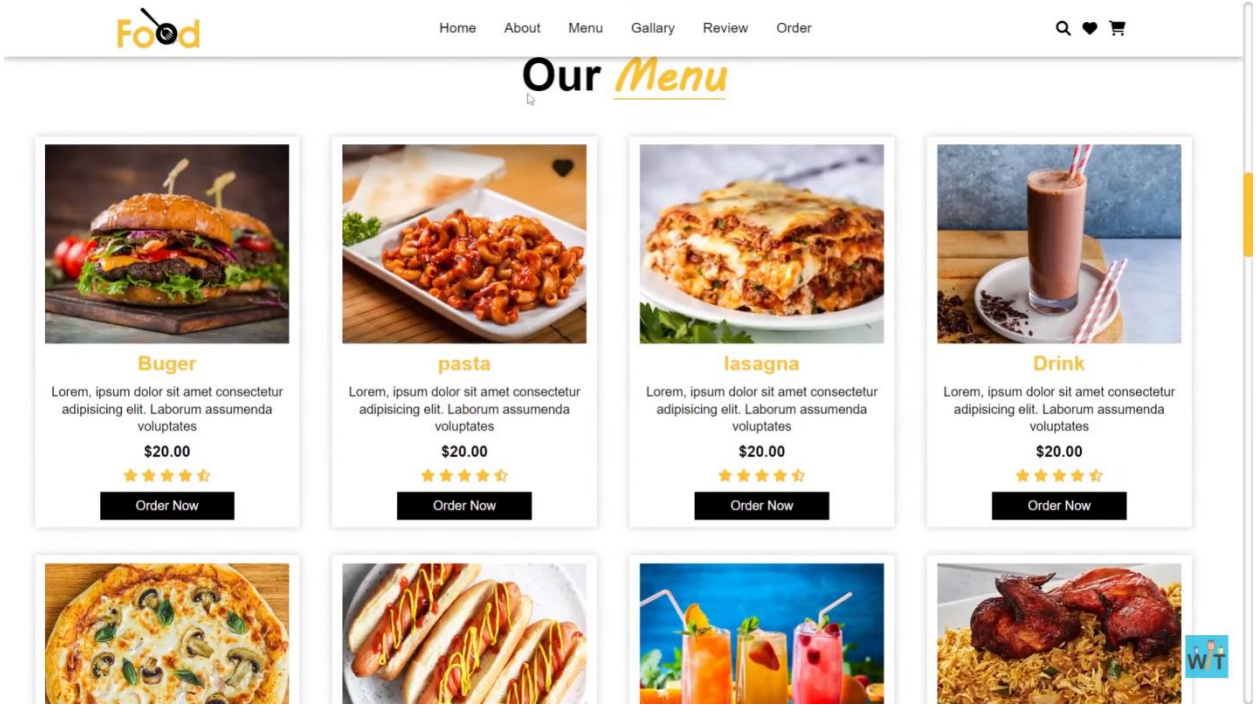
We have highlighted our brand and made the homepage simply attractive and make the customers to easy to order at the home page itself.

Step2:



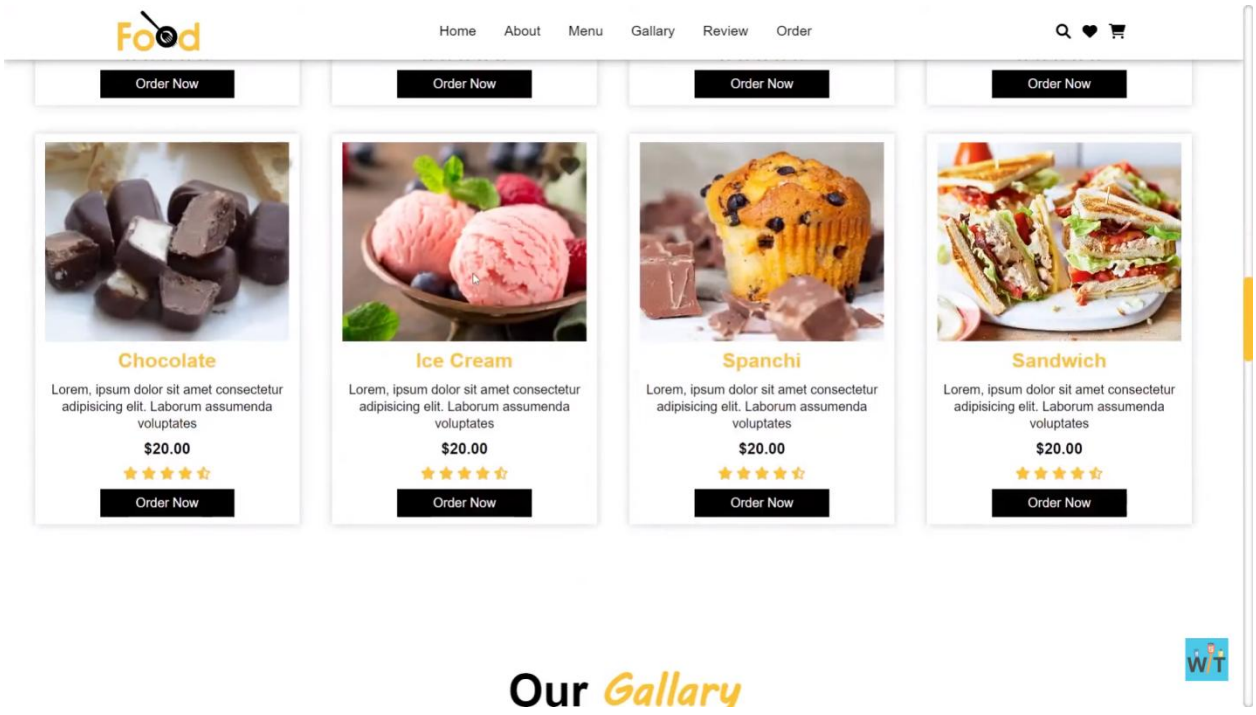
In this step we have added information about us with attractive image

Step:3



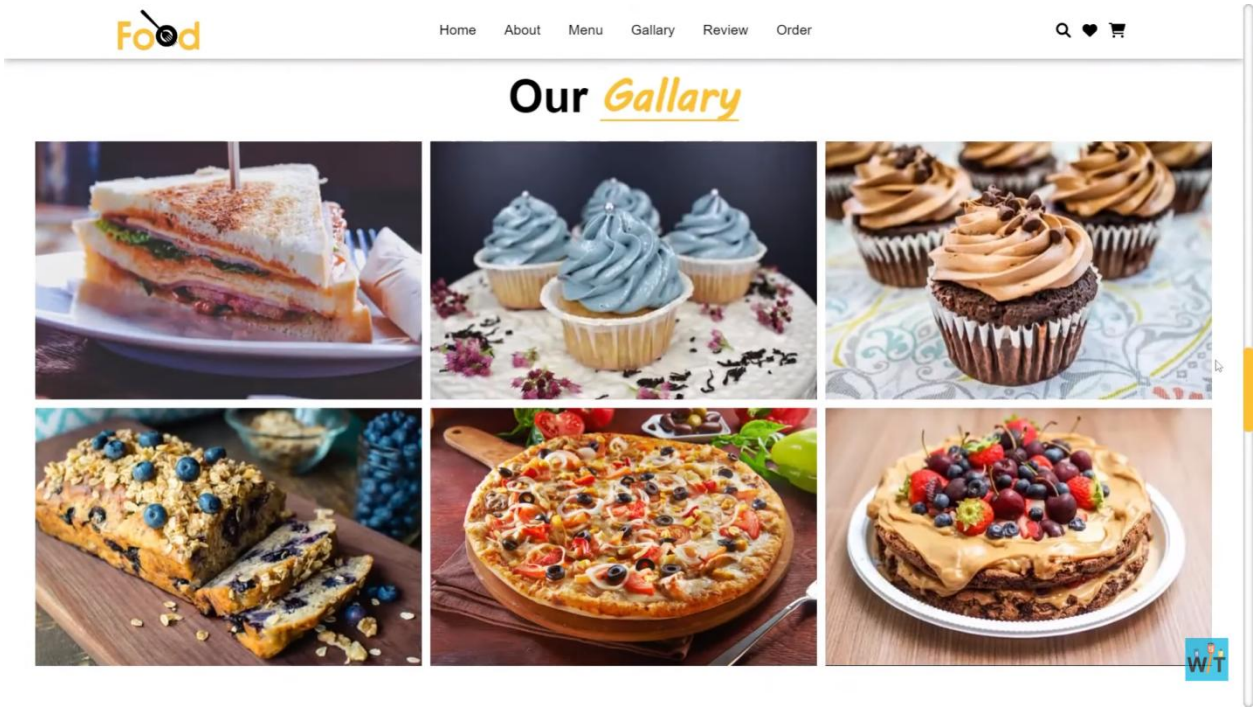
Here we have shown our menu items in our company that we are providing to the customers

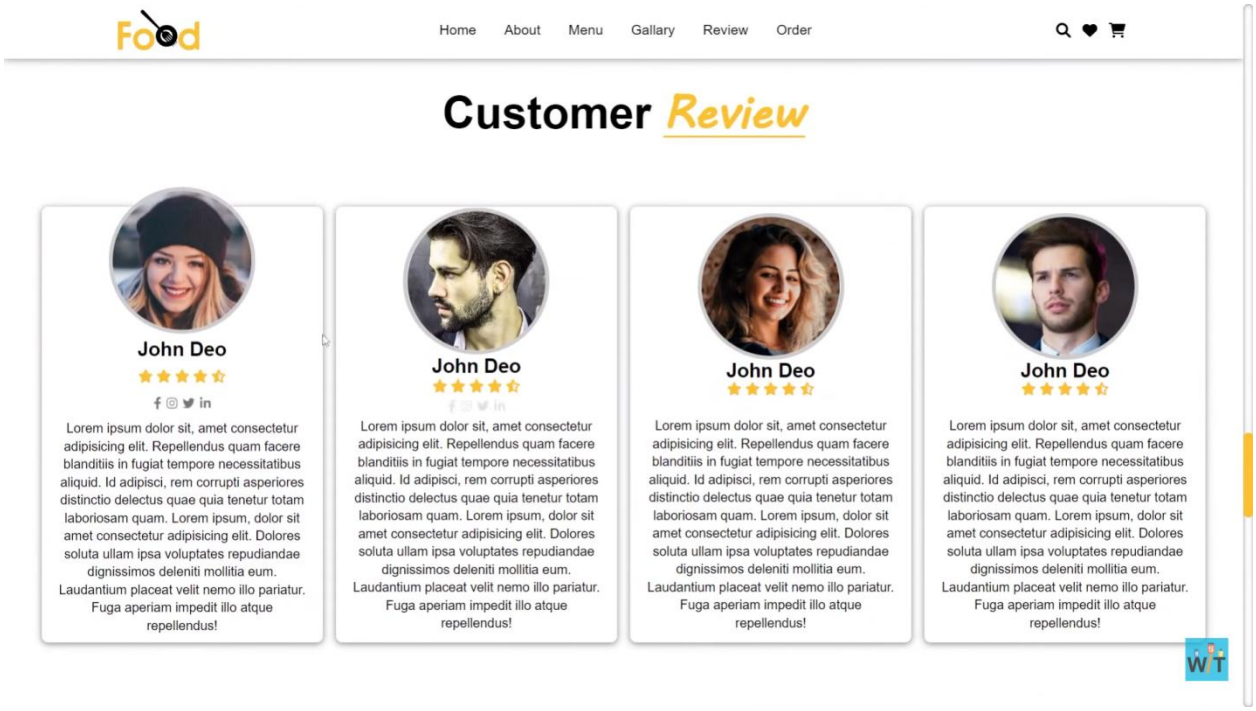
Step:4



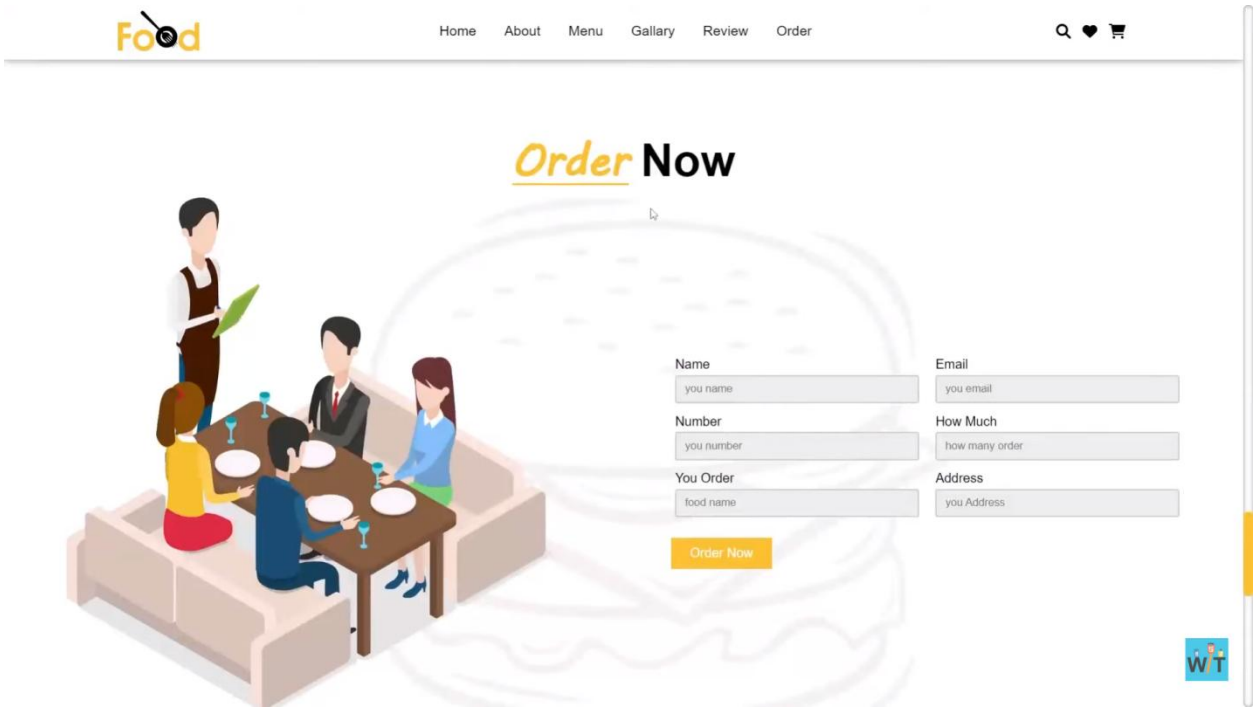
Delicious dessert also we are providing to customers

Step:5

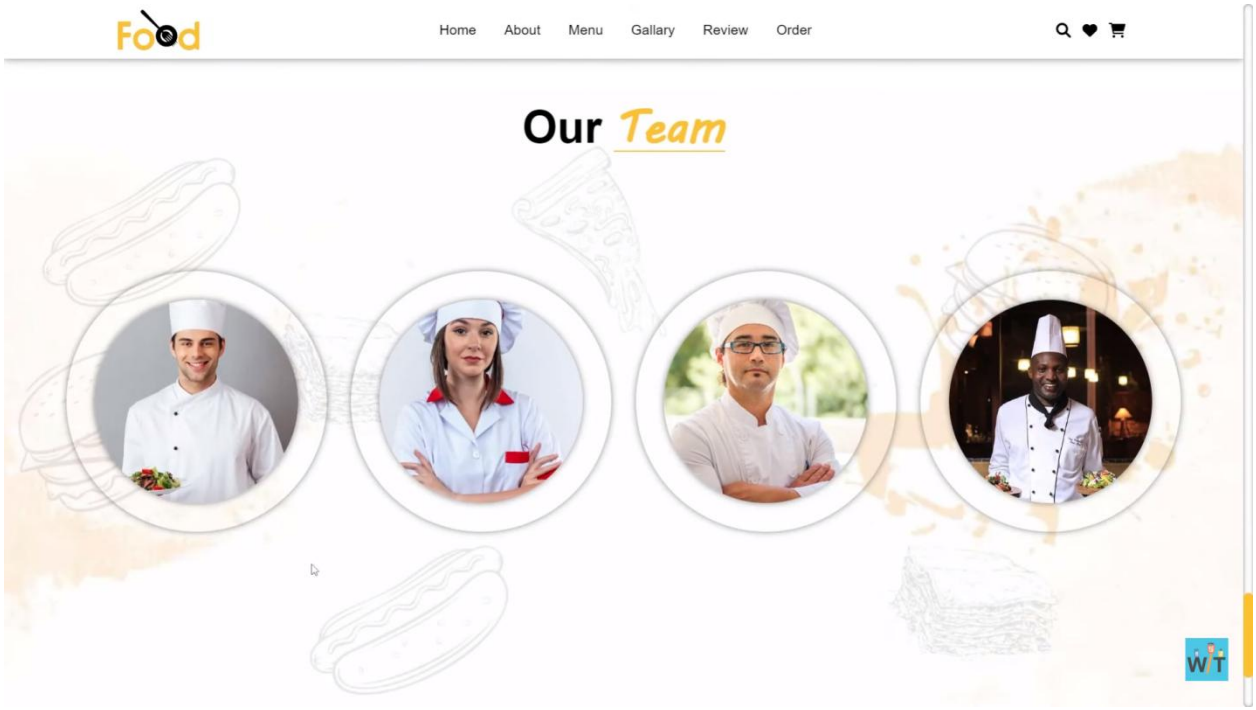




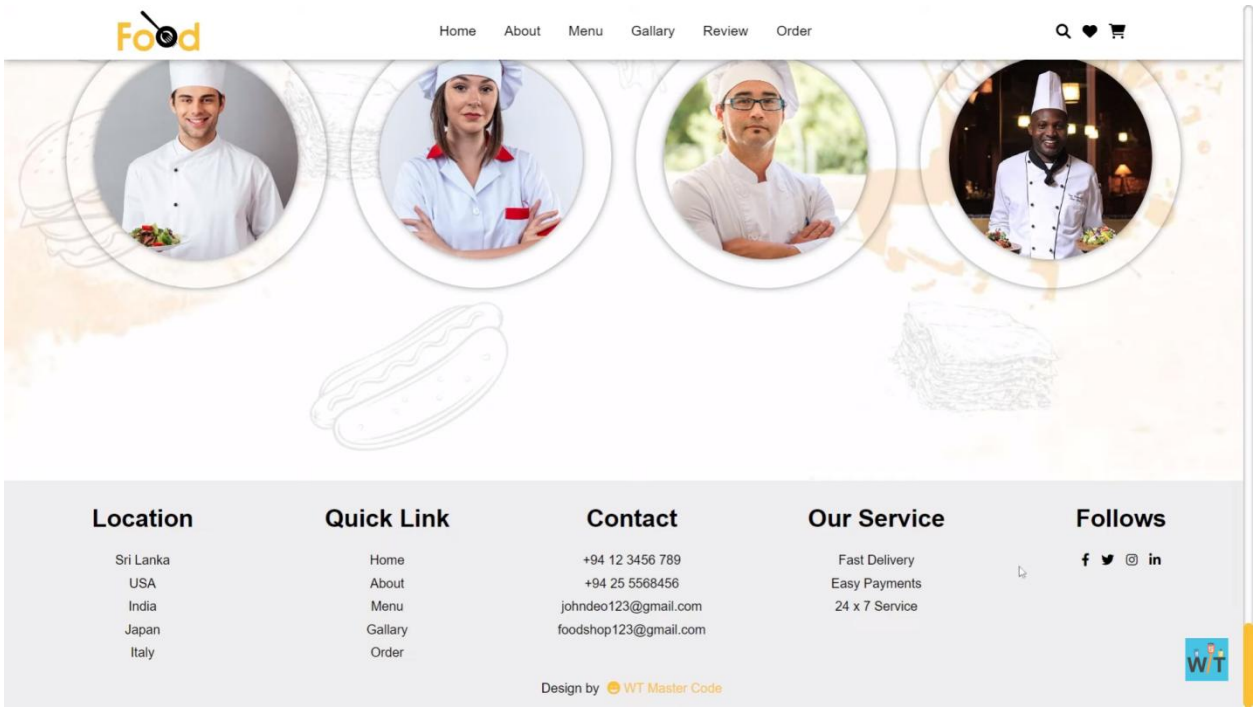
Created to show a customer view rating to enhance our business



Making the customers to order …this is booking form



Just showing our masters they were talented in cooking from foriegn



Atlast contact details about us.

This is all about our food website creation

CONCLUSION:

Thus the ecommerce website was designed successfully.