Industrial Training
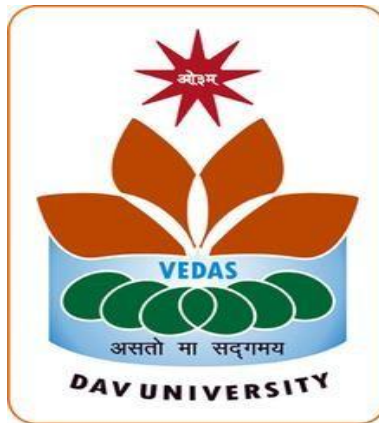
Project Report

On

"Online food delivery system"

Submitted in the partial fulfilment of the requirement for the award of degree of BACHELOR OF

TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING BATCH (2023-2027)

Submitted to:-   Submitted by:-

Dr Ridhi   Loveleen kaur

                                                  12300452

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING DAV UNIVERSITY JALANDHAR-PATHANKOT NATIONAL HIGHWAY, NH 44, SARMASTPUR PUNJAB 144012

ACKNOWLEDGEMENT

I express my gratitude to all those who helped us in various stages of the development of this project. First, I would like to express my sincere gratitude indebtedness
to Dr Ridhi (Coordinator) of DAV University for allowing me to undergo the
summer training of 45 days at Future finder company , Mohali.
 I am also thankful to all faculty members of Department of Computer Science and Engineering, for their true help, inspiration and for helping me for the preparation of the final report and presentation.
Last but not least, I pay my sincere thanks and gratitude to all the Staff Members
Of Future finder company , Mohali for their support and for making our training valuable
and fruitful.

DECLARATION

I, <Loveleen kaur>, hereby declare that the work which is being presented in this project/training titled "Online food delivery system" by me, in partial fulfilment of the requirements for the award of Bachelor of Technology (B.Tech) Degree in "Computer Science and Engineering" is an authentic record of my own work carried out under the guidance of Dr Ridhi (Name of trainer) Mr Aadarsh kumar . To the best of my knowledge, the matter embodied in this report has not been submitted to any other University/ Institute for the award of any degree or diploma.

 Student Name:- Loveleen kaur

<Roll No.> 12300452

TRAINING CERTIFICATE

Future Finders

Ref no. FF/6W/686

CERTIFICATE OF TRAINING

PROUDLY PRESENTED TO

LOVELEEN KAUR

S/o D/o Sh. HARPAL SINGH

of DAV UNIVERSITY JALANDHAR has Successfully

Completed his/her training on WEB DESIGNING

from JUNE, 2025 to JULY, 2025 during the tenure

of the above training, we have found him/her a hardworking

Training Co-ordinator

ISO 9001/2015

Director

Grade - A A+ ✓ B B+ C

info@futurefinders.in
www.futurefinders.in
Plot No. F - 465, K&B Tower, 2nd Floor, Phase 8B, Sector 74 Mohali
Mob. 9855908009

COMPANY PROFILE

ABOUT US

Future Finders is a group of professionals who love to think outside the box. Everything we do to refine and achieve absolute excellence is our motto. We value your unbeatable talent, your innovative ideas and turn them into reality. Let us get together and head for the successful brand!

PHILOSOPHY

- ✓ To impart hardcore practical quality training among students/developers about latest technologies trending today.
- ✓ To share knowledge of information security and create awareness in the market. The solution to clients' as per the International standard practices and governance.
- ✓ To support good business practices through continual employee training and education
- ✓ To equip a local team with a strong knowledge of international best practices and international expert support so as to provide practical advisories in the best interests of our clients

OUR VISION & MISSION

FUTURE FINDERS only vision is to provide with cutting edge practical skills so that students can easily cope with and quickly adapt to the ever- changing technologies in the corporate environment. Our mission at FUTURE FINDERS is to create the highest standards in education through improvisation of quality and practical skills.

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- ✅ Goal Oriented, ROI-Driven Focus
- ✅ A Streamlined / Quality-Driven Process
- ✅ Talented Designers & Expert Developers
- ✅ Our Websites & E-marketing Platforms are Easy to Manage
- ✅ We Are Dedicated to Our Clients' Success

- ❖ We focus on imparting practical skills to the trainees & not just theoretical knowledge. The courses are designed in this way at **FUTURE FINDERS** correspond to the standards of the corporate divisions and industries. Only through the acquisition of practical skills; you can handle the everlasting technologies that venture out in real-time situations.

- ❖ At **FUTURE FINDERS,** we have competence to expand and adjust as per client specific requirements.

- ❖ **Skilled Workforce:** At **FUTURE FINDERS,** you deal with the highly professional and proficient employees.

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- ❖ **Quality Of the Product:** Our software service sector has been maintaining the highest international standards of quality.

- ❖ **Infrastructure:** Well organized team and tools to handle the projects with responsible approach Hardware, Software, Networking, Voice, Conferencing, disaster recovery all infra all you need for international projects.

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- ❖ **Partnership: FUTURE FINDERS**, considers every client a partner. From the initial stages, you are closely involved into the procedure of technical classification, development, and testing.

<u>KEY PROFESSIONALS</u>

In addition to a panel of eminent consultants and advisors, we have a dedicated pool of trained Developers and Trainer, investigators, working under the guidance of professional managers. **"A Ship is as good as the crew who sail her."** Our Technical team of professionals handing, designing & delivering of projects has a strong presence in the North India & the US. Our engineers are already working on the latest technologies like **I-Phone & Android** Applications, **Robotics**, **VLSI-VHDL**, Embedded System, Networking and **Cloud computing.** Our key professionals and advisors are listed below:

MR. BONISH SINGLA: (DIRECTOR)
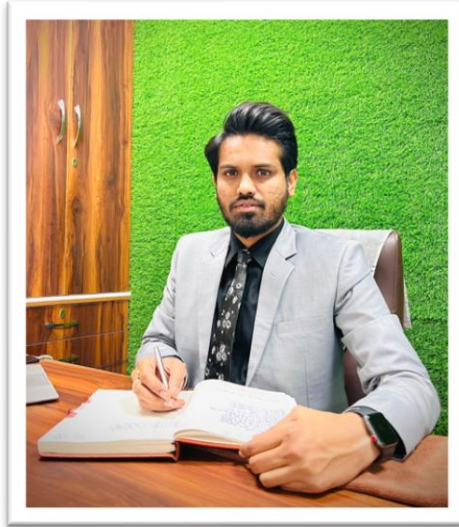
He is the backbone of FUTURE FINDERS, and a man with more than 9 years rich practical experience who believes in taking up new ventures and projects. He has been awarded many times for his exemplary work in process improvement for IT Service Delivery Domains. MASTERS in Computer applications and Certified from CU Certification. Holds total of 9 Years of rich experience including 5 Years in Information Security Implementation, Maintenance and Auditing and initial over 4 years of experience in Project Management, Client Relationship Management and Server, Desktop and IT Service Delivery/

MISS.HARJIT KAUR: (BRANCH MANAGER)

She has more than 5 years solid industrial experience in software companies & is very innovative in her technical approach. MCA, Diploma in Information Technology, expertise in search engine optimization and web designing.

MISS. Anchal: (Technical Head)

She is determinate and a team player. She is good at problem solving skills and a fast learner. She can do multitasking.

Miss Amey: (HEAD Counselor)

Head Counselor, under the general direction of the Head - Sales and Marketing, provides leadership and direction to the Counseling Department and assumes responsibilities in developing, implementing, and evaluating the Company counseling and guidance program that includes academic, career, personal/social development. She completed her degree in B .Tech.

MR. CHETAN KALRA: (DIGITAL MARKETING HEAD)
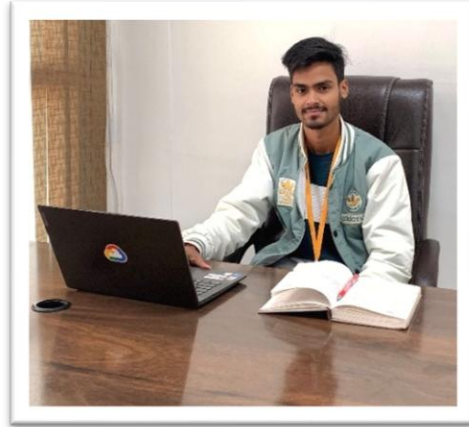
B.tech (CSE) – IKG-PTU, Expertise in Python Programming, Full Stack Development, Presenting ideas for web development software, including Application software, Working closely with analysts, Senior Developers, Programmers, designers and staff, Producing detailed specifications and writing the program codes, Testing the product in controlled, real situations before going live, Preparation of training manuals for users and Maintaining the systems once they are up and running.

MR. GAUTAM
(FULL STACK DEVELOPER)

Full Stack Developer with 4+ years of hands-on experience designing, developing, and implementing applications and solutions using a range of technologies and programming languages. B.tech (CSE) PU Certification Seeking to leverage broad development experience and hands-on technical expertise in a challenging role as a Full Stack Developer.

ABSTRACT

The Online Food Delivery System is a web-based application designed to digitize the process of ordering food from restaurants. The system provides an interactive interface where customers can browse food items, check prices and reviews, and place orders easily. Developed using HTML, CSS & JavaScript, this project enhances the traditional food ordering process and delivers a smooth user experience. Future improvements may include backend integration, real-time tracking and payment gateway options.

TABLE OF CONTENT

<u>INTRODUCTION</u>

Online services have drastically transformed the way customers purchase and consume products. With increasing dependency on the internet, online food delivery has become popular due to convenience and accessibility. The Online Food Delivery System allows customers to order food digitally by browsing menu items, reading reviews, and easily placing orders without visiting the restaurant.

The **Online Food Delivery System** is a web-based application designed to simplify and modernize the process of ordering food from restaurants. With the rapid growth of internet usage and increasing demand for convenience, online food delivery platforms have become an essential part of everyday life. This project aims to build a user-friendly system that allows customers to browse menus, select items, place orders, and make payments through an interactive and responsive web interface.

The system connects customers with restaurants in a seamless digital environment. It provides features such as real-time menu updates, order tracking, secure user authentication, and an efficient order-management dashboard for administrators and restaurant owners. By automating manual processes and reducing communication gaps, the Online Food Delivery System improves service speed, accuracy, and overall customer satisfaction.

Traditional ordering using phone calls or physical visits leads to waiting time, limited transparency and miscommunication. This system improves efficiency and enhances user experience using an interactive website layout.

This project not only demonstrates core concepts of **front-end and back-end web development** but also incorporates essential functionalities such as database integration, form validation, session management, and dynamic content rendering. Ultimately, the Online Food Delivery System serves as a practical .

This project was developed during industrial training at Future Finders, Mohali to gain hands-on experience in front-end development using HTML, CSS and JavaScript.

OBJECTIVES

1. **To develop a user-friendly web platform** that enables customers to browse restaurant menus and place food orders conveniently from any location.
2. **To streamline the ordering process** by reducing manual communication between customers and restaurants through automated order submission.
3. **To implement secure user authentication** for customers, restaurant owners, and administrators to ensure safe access to system features.
4. **To integrate an efficient database system** for storing and managing user information, menu items, orders, payments, and delivery details.
5. **To provide real-time order updates** so customers can track the status of their orders from placement to delivery.
6. **To create an admin dashboard** that allows administrators to manage users, restaurants, menu items, and orders effectively.
7. **To improve customer convenience and satisfaction** by offering multiple payment options and quick order processing.
8. **To design a responsive interface** that adapts to different devices, ensuring a smooth user experience on desktops, tablets, and mobile phones.
9. **To reduce operational workload** for restaurants by automating menu management, order handling, and sales tracking.
10. **To enhance overall system efficiency** by ensuring fast loading times, intuitive navigation, and minimal errors during order placement.

PROBLEM STATEMENT

In today's fast-paced lifestyle, customers increasingly prefer convenient and time-efficient ways to purchase food. Traditional methods of ordering food—such as calling restaurants or visiting in person—can be inefficient, time-consuming, and prone to errors. Customers often face issues such as long wait times, miscommunication during order placement, limited access to menus, and lack of real-time updates on order status.

Restaurants also struggle with managing large volumes of orders, maintaining accurate records, handling peak-hour workloads, and ensuring customer satisfaction. Without an automated system, tasks like menu updates, order tracking, and customer management become difficult and inefficient.

Therefore, there is a need for a **web-based Online Food Delivery System** that provides a seamless platform for customers to browse menus, place orders, and track deliveries, while allowing restaurants and administrators to manage operations efficiently. This system aims to eliminate manual errors, improve service speed, enhance communication, and deliver a convenient and reliable food-ordering experience for all users involved.

The growing reliance on digital services has significantly changed the way people interact with businesses, including restaurants. Despite this shift, many food outlets still depend on traditional ordering methods such as walk-ins or telephone calls. These methods often result in several challenges for both customers and restaurant staff. Customers may face long waiting times, difficulties reaching busy phone lines, incomplete menu information, and a lack of transparency regarding pricing, availability, and delivery times. Additionally, miscommunication during phone orders can lead to incorrect or incomplete orders, causing customer dissatisfaction and operational inefficiencies.

From the restaurant's perspective, manual order handling requires extensive staff involvement, especially during peak hours. This increases the likelihood of human errors, lost orders, and delays in service. Manual record-keeping of orders, menus, and customer details becomes time-consuming and harder to manage as the business grows. Restaurants may also struggle to update customers about order status or changes in menu availability, leading to confusion and frustration.

Furthermore, customers today expect fast, reliable, and convenient digital solutions that allow them to browse menus, customize orders, make secure payments, and track delivery progress in real time. Without a digital platform, restaurants fail to meet these modern expectations and risk losing customers to competitors who offer online ordering options.

There is, therefore, a clear need for an efficient, automated, and user-friendly **Online Food Delivery System**. The proposed system aims to solve the existing problems by providing a centralized web platform where customers can easily access menus, place orders, make payments, and receive real-time updates. At the same time, the system will offer restaurants a streamlined interface for managing orders, updating menus, monitoring sales, reducing manual effort, and improving overall service quality. By addressing these challenges, the Online Food Delivery System will enhance operational efficiency, reduce communication barriers, and improve customer satisfaction.

TECHONOLOGIES IN USE

1. HTML – Webpage Structure

HTML (HyperText Markup Language) is the foundational technology used to build the structure of the Online Food Delivery System. It defines the layout and organization of all the web pages, including the homepage, menu pages, login/signup forms, order pages, and admin dashboard.
Through HTML elements such as headings, forms, tables, buttons, images, and navigation bars, the project establishes a clear and user-friendly interface. HTML ensures the proper placement of content and provides semantic meaning to different sections of the website, making it easy to understand, maintain, and enhance by developers.

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2. CSS – Design, Styling & Responsiveness

CSS (Cascading Style Sheets) is used to enhance the visual appearance of the Online Food Delivery System. It controls colors, fonts, layouts, spacing, and overall design aesthetics, creating a visually appealing and consistent user experience.
CSS is also used to ensure the website is fully responsive, meaning it automatically adapts to different screen sizes such as desktops, laptops, tablets, and mobile phones. Techniques like media queries, flexbox, and grid layout help maintain usability across devices. Through CSS, the project achieves a professional look and smooth navigation that improves user engagement and satisfaction.

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3. JavaScript – Basic Interactions & Dynamic Functionality

JavaScript enables interactive and dynamic features within the Online Food Delivery System. It controls client-side logic such as form validation (e.g., checking login details), real-time updates, menu interactions, cart functionality, pop-up alerts, and smooth transitions.
JavaScript allows the webpage to respond instantly to user actions, creating a more engaging and seamless experience. Features like adding items to the cart, calculating totals, filtering menus, and updating UI elements without reloading the page are implemented using JavaScript. This enhances overall usability and makes the system interactive and user-friendly.

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4. Tools Used

Visual Studio Code (VS Code)

VS Code is the primary code editor used for developing the Online Food Delivery System. It provides a clean interface, syntax highlighting, auto-completion, debugging tools, and useful extensions for HTML, CSS, and JavaScript.
Its integrated environment helps speed up development and maintain organized code.

Google Chrome Browser

Google Chrome is used to run, test, and debug the website during development. Using Chrome Developer Tools, the layout, JavaScript functions, network activity, and responsiveness can be inspected and refined.
It ensures the website functions correctly and appears properly across browsers.

Operating System: Windows

The entire development process is conducted on the Windows operating system. Windows provides compatibility with development tools such as VS Code, browsers, and server software. It supports easy file management, testing, and integration of project components.

SYSTEM REQUIREMENTS

1. Hardware Requirements

A. Client-Side (User / Customer / Admin)

- Processor: Minimum Intel Core i3 or equivalent
- RAM: 4 GB or higher
- Storage: At least 500 MB free space
- Display: 1024×768 resolution or higher
- Network: Stable internet connection (Broadband or Wi-Fi)

B. Developer/Server Machine

- Processor: Intel Core i3 / i5 or higher
- RAM: 8 GB or higher (recommended for smoother development)
- Storage: Minimum 5 GB free space for project files and tools
- Network: Reliable internet for testing APIs and updates

2. Software Requirements

A. Client-Side Software

- Web Browser: Google Chrome (recommended), Firefox, or Edge
- OS Support: Windows, Linux, macOS, Android, iOS (responsive website works on all)

B. Development Environment

- Operating System: Windows 10/11 (or any OS compatible with development tools)
- Code Editor: Visual Studio Code
- Languages Used:
    - HTML – structure
    - CSS – design & responsiveness
    - JavaScript – interactions
- Version Control (optional): Git / GitHub
- Web Server (optional for backend projects): XAMPP/WAMP/Node.js Server
- Database (if used): MySQL / MongoDB / SQLite

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3. Functional Requirements

For Users (Customers)

1. Ability to register and login securely.
2. Browse restaurant menus and food categories.
3. Add items to the cart and update cart items.
4. Place orders and choose delivery/payment options.
5. View order history and order status.
6. Receive order confirmation and real-time updates.

For Admin

1. Manage users (add/edit/delete).
2. Manage restaurants and menu items.
3. View, update, and track customer orders.
4. Monitor sales and system analytics.
5. Update system content (banners, offers, etc.).

4. Non-Functional Requirements

1. Performance Requirements

- Website must load within **2–3 seconds** on standard devices.
- System should handle multiple users simultaneously.

2. Usability Requirements

- Simple, intuitive, and user-friendly interface.
- Responsive design for mobile, tablet, and desktop.

3. Security Requirements

- Secure login system with password protection.
- Data encryption for sensitive information.
- Prevention of unauthorized access

METHODOLOGY

The methodology outlines the systematic approach followed in designing, developing, and implementing the Online Food Delivery System. This project uses a structured and step-by-step development process to ensure the system is user-friendly, reliable, efficient, and meets all the functional requirements.

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1. Requirement Analysis

The first phase involves collecting and understanding the needs of the users, restaurants, and administrators.
Activities include:

- Identifying key functionalities such as user registration, menu browsing, adding to cart, placing orders, and order management.
- Defining system constraints, performance needs, and user expectations.
- Preparing a Requirements Specification Document (SRS) to guide development.

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2. System Design

This phase focuses on planning the structure and layout of the system. It includes both front-end and back-end design.
Key tasks:

- Designing the overall system architecture.
- Creating wireframes and UI layouts for web pages.
- Designing database structure (tables for users, menus, orders, etc.).
- Preparing flowcharts, use case diagrams, and ER diagrams to visualize system operation.

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3. Front-End Development

The front-end is built using HTML, CSS, and JavaScript.
This stage includes:

- Structuring webpages using HTML.
- Designing layouts, color schemes, typography, and responsive elements using CSS.
- Implementing interactive features such as carts, form validation, and dynamic UI changes using JavaScript.
- Ensuring responsiveness across mobile, tablet, and desktop devices.

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4. Back-End Development
Back-end development involves server-side logic and database operations.
Activities:

- Setting up the server using PHP, Node.js, or similar technology.

- Creating APIs for user login, placing orders, and fetching menu items.
- Integrating database queries for storing and retrieving data.
- Implementing role-based access for admin, restaurant, and customer.

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5. Database Development

A database is created to store all essential information.
Tasks include:
- Designing tables for users, restaurants, menu items, orders, payment details, etc.
- Establishing relationships between tables.
- Ensuring data integrity and optimizing queries.
- Testing CRUD operations (Create, Read, Update, Delete).

---

6. System Integration

Once front-end and back-end components are completed, they are integrated.
This integration ensures:
- Smooth communication between the user interface and the server.
- Real-time updates of menu items, orders, and user actions.
- Secure data transmission between client and server.

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7. Testing

Thorough testing is conducted to ensure the system works flawlessly.
Testing includes:
- Unit Testing – testing small components individually.
- Integration Testing – checking interaction between modules.
- Functional Testing – verifying each feature works as intended.
- Usability Testing – ensuring the interface is user-friendly.
- Performance Testing – checking speed and load capacity.
- Bug fixing based on test results.

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8. Deployment

The system is deployed on a web server so users can access it online.
This phase includes:
- Uploading files to hosting server.
- Configuring domain and database.
- Final testing on live environment to ensure everything works smoothly.

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9. Maintenance and Updates

After deployment, regular maintenance ensures the system remains functional and updated.
Activities:

- Fixing bugs or performance issues.
- Updating menus, prices, or features.
- Adding new functionalities based on user feedback.
- Ensuring security patches and backups.

Conclusion

The methodology follows a step-by-step and organized development cycle, ensuring that the Online Food Delivery System is efficient, interactive, secure, and easy to use. By following this structured approach, the system meets user needs and delivers a smooth and reliable food-ordering experience.

MODULE DESCRIPTION

The Online Food Delivery System contains the following modules:

1. Home Page:

   The home page displays the introduction section and provides navigation links to other pages. It contains attractive banners, menu buttons and short descriptions about the platform.

2. Menu / Products Page:

   This page displays food items with prices and images. Customers can browse different items and select based on choice.

3. About Page:

   This section explains details about the service provider, mission, vision and background.

4. Review Page: Displays feedback from customers to improve service experience.

5. Contact Page:

Provides contact information such as phone, email, location and allows users to send messages for enquiries

CODE IN USE

The following section includes the complete source code used in the development of the online food delivery system

It contains the full HTML, CSS, and JavaScript files, structured clearly and labeled appropriately for documentation purposes.

---

1. HTML CODE (index.html)

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- CSS LINK -->
    <link rel="stylesheet" href="style.css">
    <!-- Fontawesome -->
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.1/css/all.min.css" integrity="sha512-KfkfwYDsLkIlwQp6LFnl8zNdLGxu9YAA1QvwINks4PhcElQSvqcyVLLD9aMhXd13uQjoXtEKNosOWaZqXgel0g==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Cok Sayfali Web Sitesi | Nizami Sevindi</title>
</head>
<body>
    <!----------------------------------------- HEADER SECTION -->
    <header class="header" >
        <a href="#" class="logo">
```

```html
        <img src="./image/pngegg.png" alt="logo">
</a>
<nav class="navbar">
    <a href="./index.html" class="active">home</a>
    <a href="./about.html">about</a>
    <a href="./menu.html">menu</a>
    <a href="./products.html">products</a>
    <a href="./review.html">review</a>
    <a href="./contact.html">contact</a>
    <a href="./blog.html">blog</a>
</nav>
<div class="buttons">
    <button id="search-btn">
        <i class="fas fa-search"></i>
    </button>
    <button id="cart-btn">
        <i class="fas fa-shopping-cart"></i>
    </button>
    <button id="menu-btn">
        <i class="fas fa-bars"></i>
    </button>
</div>
<div class="search-form">
    <input type="text" class="search-input" id="search-box" placeholder="Search">
    <i class="fas fa-search"></i>
</div>
<div class="cart-items-container">
    <div class="cart-item">
        <i class="fas fa-times"></i>
        <img src="./image/pngwing.com (1).png" alt="menu">
        <div class="content">
```

```html
            <h3>cart item 01</h3>
            <div class="price">$15.99 </div>
          </div>
      </div>
      <div class="cart-item">
          <i class="fas fa-times"></i>
          <img src="./image/pngwing.com (2).png" alt="menu">
          <div class="content">
            <h3>cart item 02</h3>
            <div class="price">$16.99 </div>
          </div>
      </div>
      <div class="cart-item">
          <i class="fas fa-times"></i>
          <img src="./image/pngwing.com (3).png" alt="menu">
          <div class="content">
            <h3>cart item 03</h3>
            <div class="price">$13.99 </div>
          </div>
      </div>
      <div class="cart-item">
          <i class="fas fa-times"></i>
          <img src="./image/pngwing.com (4).png" alt="menu">
          <div class="content">
            <h3>cart item 04</h3>
            <div class="price">$12.99 </div>
          </div>
      </div>
      <a href="#" class="btn">check out </a>
    </div>
  </header>
```

```html
<!--------------------------------------------HEADER SECTION -->


<!------------------------------------------HOME SECTION -->
<section class="home" id="home">
   <div class="content">
   <h3>Fast Food Delivery</h3>
      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Incidunt perferendis
obcaecati iste voluptatum, quaerat nihil magnam numquam sint? </p>
   <a href="#" class="btn">order now</a>
   </div>
</section>
<!-------------------------------------------HOME SECTION -->


<!-------------------------------------------MENU SECTION -->
<section class="menu" id="menu">
   <h1 class="heading">our <span>menu</span></h1>
   <div class="box-container">
      <div class="box">


         <div class="box-head">
            <img src="./image/pngwing.com.png" alt="">
            <span class="menu-category">Pizza</span>
            <h3>6 Mini Pizzas</h3>
            <div class="price">$104.99 <span>$119.99</span></div>
         </div>
         <div class="box-bottom">
            <a href="#" class="btn">add to cart</a>
         </div>
      </div>
      <div class="box">
```

```
<div class="box-head">
  <img src="./image/pngwing.com (2).png" alt="">
  <span class="menu-category">Burger</span>
  <h3>5 Mini Burgers</h3>
  <div class="price">$99.99 <span>$105.99</span></div>
</div>
<div class="box-bottom">
  <a href="#" class="btn">add to cart</a>
</div>
</div>
<div class="box">

  <div class="box-head">
    <img src="./image/pngwing.com (1).png" alt="">
    <span class="menu-category">Pizza</span>
    <h3>2 Mixed Pizzas</h3>
    <div class="price">$49.99 <span>$59.99</span></div>
  </div>
  <div class="box-bottom">
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="box">

  <div class="box-head">
    <img src="./image/pngwing.com (3).png" alt="">
    <span class="menu-category">Burger</span>
    <h3>3 Meatball Burgers</h3>
    <div class="price">$79.99 <span>$99.99</span></div>
  </div>
  <div class="box-bottom">
```

```html
          <a href="#" class="btn">add to cart</a>
        </div>
      </div>
    </div>
</section>
<!------------------------------------------MENU SECTION -->


<!------------------------------------------PRODUCTS SECTION -->
<section class="products" id="products">
    <h1 class="heading">our <span>products</span> </h1>
    <div class="box-container">
        <div class="box">
            <div class="box-head">
                <span class="title">mini burger</span>
                <a href="#" class="name">Bacon Burger</a>
            </div>
            <div class="image">
                <img src="./image/pngwing.com (6).png" alt="">
            </div>
            <div class="box-bottom">
                <div class="info">
                    <b class="price">$6.00</b>
                    <span class="amount">110gr / 300 Cal</span>
                </div>
                <div class="product-btn">
                    <a href="#">
                        <i class="fas fa-plus"></i>
                    </a>
                </div>
            </div>
        </div>
    </div>
```

```html
<div class="box">
  <div class="box-head">
    <span class="title">cheese burger</span>
    <a href="#" class="name">cheese Burger</a>
  </div>
  <div class="image">
    <img src="./image/pngwing.com (4).png" alt="">
  </div>
  <div class="box-bottom">
    <div class="info">
      <b class="price">$12.00</b>
      <span class="amount">140gr / 2500 Cal</span>
    </div>
    <div class="product-btn">
      <a href="#">
        <i class="fas fa-plus"></i>
      </a>
    </div>
  </div>
</div>
<div class="box">
  <div class="box-head">
    <span class="title">Double burger</span>
    <a href="#" class="name">Double Burger</a>
  </div>
  <div class="image">
    <img src="./image/pngwing.com (5).png" alt="">
  </div>
  <div class="box-bottom">
    <div class="info">
      <b class="price">$24.00</b>
```

```html
                    <span class="amount">440gr / 600 Cal</span>
                </div>
                <div class="product-btn">
                    <a href="#">
                        <i class="fas fa-plus"></i>
                    </a>
                </div>
            </div>
        </div>
    </div>
</section>
<!-------------------------------------------PRODUCTS SECTION -->


<!-------------------------------------------ABOUT US SECTION -->
<section class="about" id="about">
    <h1 class="heading">about <span>us</span> </h1>

    <div class="row">
        <div class="image">
            <img src="./image/pngwing.com (7).png" alt="">
        </div>
        <div class="content">
            <h3>What is the secret receipe of our burgers</h3>
            <div class="paragraph">
                <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quia officia id et,
corrupti assumenda.</p>
                <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quia officia id et,
corrupti assumenda.</p>
                <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quia officia id et,
corrupti assumenda.</p>
            </div>
```

```html
            <a href="#" class="btn">Learn More</a>
        </div>
    </div>
</section>
<!--------------------------------------------ABOUT US SECTION -->


<!--------------------------------------------REVIEW SECTION -->
<section class="review" id="review">
    <h1 class="heading">customer's <span>review</span> </h1>
    <div class="box-container">
        <div class="box">
            <img src="./image/pngwing.com (8).png" alt="quote">
                <p> Dicta totam suscipit vero praesentium excepturi facilis, fuga at architecto dolor tempora molestias quam dignissimos sit. Molestiae temporibus ratione quas placeat possimus!</p>
                <img src="./image/pngwing.com (9).png" alt="customer-avatar" class="user">
                <h3>Patrick Hellinger</h3>
                <div class="stars">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star-half-alt"></i>
                </div>
        </div>
        <div class="box">
            <img src="./image/pngwing.com (8).png" alt="quote">
                <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Fuga at architecto dolor tempora molestias quam dignissimos sit. Molestiae temporibus ratione quas placeat possimus!</p>
                <img src="./image/pngwing.com (10).png" alt="customer-avatar" class="user">
```

```html
            <h3>Serena Williams</h3>
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
        </div>
        <div class="box">
            <img src="./image/pngwing.com (8).png" alt="quote">
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dicta totam suscipit vero praesentium excepturi facilis, fuga at architecto dolor tempora molestias quam dignissimos possimus!</p>
            <img src="./image/pngwing.com (11).png" alt="customer-avatar" class="user">
            <h3>Helen Marksen</h3>
            <div class="stars">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star-half-alt"></i>
            </div>
        </div>
    </div>
</section>
<!--------------------------------------------REVIEW SECTION -->
<!--------------------------------------------CONTACT SECTION -->
<section class="contact" id="contact">
    <h1 class="heading">contact <span>us</span> </h1>
    <div class="row">
```

```html
                                                   <iframe class="map"
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d983.3235940970079!2
d8.540719273659763!3d47.3713194174677!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m
3!1m2!1s0x47900a00aa1e1d17%3A0x278f576acdd580f5!2sStorchen%20Z%C3%BCrich%2
0-
%20Lifestyle%20Boutique%20Hotel!5e0!3m2!1sde!2sch!4v1658505945506!5m2!1sde!2sch
" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-
downgrade"></iframe>
        <form>
          <h3>get in touch</h3>
          <div class="inputBox">
            <i class="fas fa-user"></i>
            <input type="text" placeholder="name">
          </div>
          <div class="inputBox">
            <i class="fas fa-envelope"></i>
            <input type="email" placeholder="email">
          </div>
          <div class="inputBox">
            <i class="fas fa-phone"></i>
            <input type="number" placeholder="number">
          </div>
          <input type="submit" class="btn" value="contact now">
        </form>
      </div>
   </section>
   <!---------------------------------------------CONTACT SECTION -->


   <!---------------------------------------------BLOG SECTION -->
   <section class="blog" id="blog">
     <h1 class="heading">our <span>blog</span> </h1>
```

```html
<div class="box-container">
    <div class="box-full">
        <div class="image">
            <img src="./image/delicious-burger-on-wooden-board-2022-03-04-05-58-25-utc.jpg" alt="">
        </div>
        <div class="content">
            <a href="#" class="title">how to make burgers</a>
            <span>by admin / 10st may, 2020</span>
            <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minus eos esse nesciunt cupiditate expedita.</p>
            <a href="#" class="btn">read more</a>
        </div>
    </div>
    <div class="box-full">
        <div class="image">
            <img src="./image/delicious-tasty-burgers-on-wooden-background-2021-08-26-15-25-13-utc.jpg" alt="">
        </div>
        <div class="content">
            <a href="#" class="title">how to make burgers</a>
            <span>by admin / 10st may, 2020</span>
            <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minus eos esse nesciunt cupiditate expedita.</p>
            <a href="#" class="btn">read more</a>
        </div>
    </div>
    <div class="box-full">
        <div class="image">
            <img src="./image/handmade-burger-on-dark-background-delicious-blac-2021-10-21-02-27-27-utc.jpg" alt="">
```

```html
            </div>
            <div class="content">
                <a href="#" class="title">how to make burgers</a>
                <span>by admin / 10st may, 2020</span>
                    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minus eos esse
nesciunt cupiditate expedita.</p>
                <a href="#" class="btn">read more</a>
            </div>
        </div>
    </div>
  </section>
  <!-------------------------------------------BLOG SECTION -->


  <!-------------------------------------------FOOTER SECTION -->
  <section class="footer">
    <div class="search">
      <input type="text" class="search-input" placeholder="Search">
      <button class="btn btn-primary">search</button>
    </div>
    <div class="share">
      <a href="#" class="fab fa-facebook"></a>
      <a href="#" class="fab fa-twitter"></a>
      <a href="#" class="fab fa-instagram"></a>
      <a href="#" class="fab fa-linkedin"></a>
      <a href="#" class="fab fa-pinterest"></a>
    </div>
    <div class="links">
      <a href="#home">home</a>
      <a href="#about">about</a>
      <a href="#menu">menu</a>
      <a href="#products">products</a>
```

```html
            <a href="#review">review</a>
            <a href="#contact">contact</a>
            <a href="#blog">blog</a>
        </div>
        <div class="credit">
            creaated by <span>Nizami Sevindi</span> | all rights reserved!
        </div>
    </section>
    <!--------------------------------------------FOOTER SECTION -->


<script src="./script.js"></script>
</body>
</html>
```
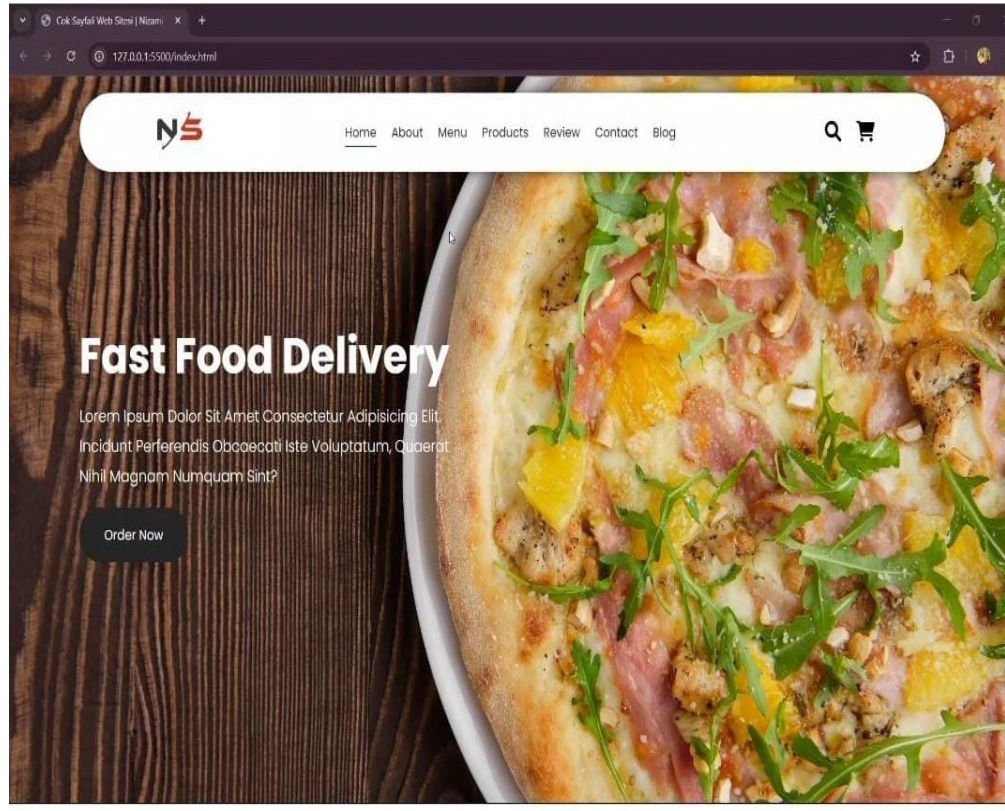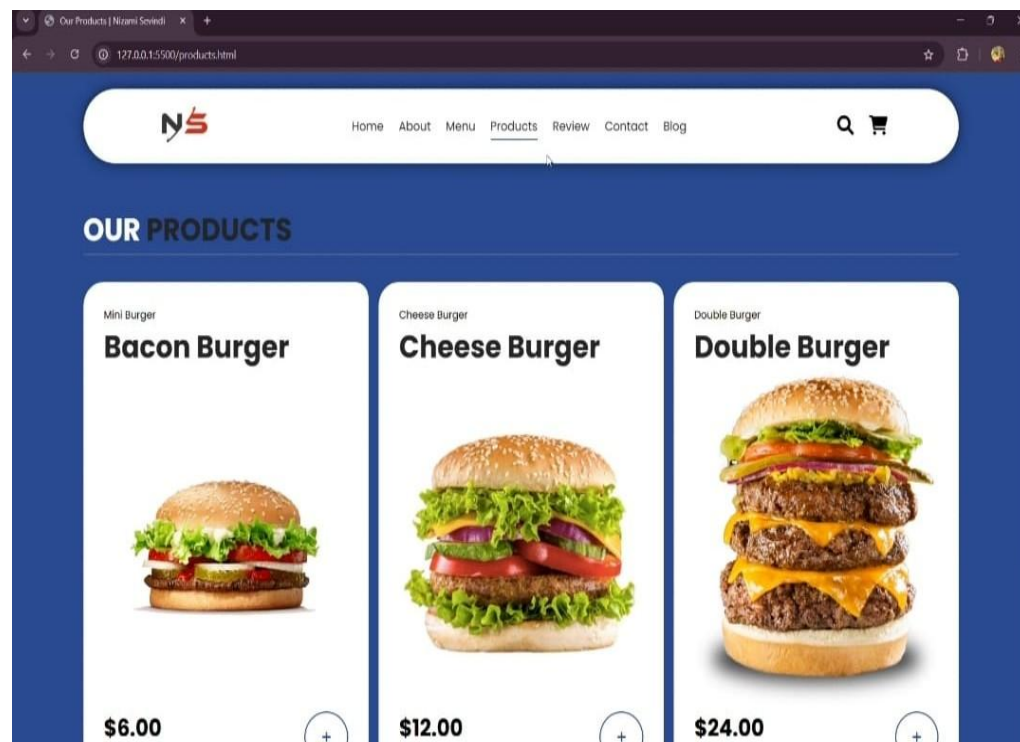
OUTPUTS OF THE PROJECT

FUTURE SCOPE

The Online Food Delivery System offers significant potential for future expansion as the demand for digital food services continues to rise. As technology evolves, customers expect faster, smarter, and more interactive

features that deliver convenience and real-time information. To meet these expectations, the system can be upgraded with advanced functionalities that improve user experience, streamline restaurant operations, and enhance delivery efficiency. Below are several enhancements that can be incorporated into future versions of the system.

---

1. Online Payment Gateway Integration

Integrating secure online payment options such as **UPI, credit/debit cards, net banking, and digital wallets** will allow customers to complete their transactions directly through the platform. This will eliminate cash handling, reduce payment errors, and create a smoother checkout experience. Including trusted gateways like Razorpay, PayPal, or Stripe ensures safety and boosts customer trust.

---

2. Real-Time Order Tracking System Using GPS

A real-time GPS-based tracking system will allow customers to track their orders from the moment they are prepared until delivery. This feature improves transparency and reduces waiting anxiety. It will also help restaurants and delivery agents provide more accurate delivery estimates and optimize delivery routes for faster service.

---

3. Advanced Admin Panel for Efficient Management

A comprehensive admin panel can be developed to allow administrators to manage products, restaurants, users, orders, offers, and sales reports. Features may include:

- Adding and updating menu items
- Monitoring active and past orders
- Managing customer accounts
- Generating analytics and sales reports

- Sending notifications and offers

This centralized control will ensure smooth daily operations and scalability.

---

4. Customer Login and Signup System

Implementing a secure registration and login system will personalize the user experience. Customers can save their profiles, order history, delivery addresses, and payment preferences. This allows quicker ordering and builds long-term engagement through loyalty points, coupons, and personalized recommendations.

---

5. Delivery Agent Module

A separate module for delivery personnel can be developed, enabling them to:

- Accept or reject delivery tasks
- View customer addresses and contact details
- Update delivery status in real time
- Communicate with restaurants and customers
  This will increase delivery efficiency and reduce delays.

---

6. Integration with Database (MySQL / Firebase / MongoDB)

Connecting the system to a robust database will allow secure storage of user data, orders, menus, payments, and feedback.

Database integration will make the system:

- Dynamic
- Scalable
- Capable of handling multiple simultaneous users
  Additionally, cloud databases like Firebase can enable real-time data updates across all system modules.

---

7. Restaurant Dashboard for Business Management

A dedicated dashboard for restaurant owners can support:

- Menu customization

- Handling incoming orders

- Monitoring sales and performance

- Updating delivery times, stock availability, and offers
  This dashboard will empower restaurants to manage their digital presence
  without relying on administrators.

<u>CONCLUSION</u>

The successful development of this project using HTML, CSS, and JavaScript demonstrates how powerful and efficient a purely front-end technology stack can be when applied correctly. By structuring the interface with HTML, enhancing visual appeal and responsiveness through CSS, and enabling interactivity with JavaScript, the system achieves a seamless and engaging user experience. Each technology played a crucial role in ensuring that the final application is both functional and easy to navigate.

Throughout the project, emphasis was placed on clean layout design, intuitive user flow, and optimized JavaScript functionality. The implementation highlights the importance of DOM manipulation, event handling, and modular code structure in creating smooth client-side operations without relying on backend frameworks. This also proves that even simple web technologies, when used effectively, can result in a reliable, lightweight, and fast-performing system.

In conclusion, the project fulfills its objectives and demonstrates the practical application of core web development skills. It also provides a strong foundation for future enhancements, such as adding backend connectivity, improving UI components, or integrating advanced JavaScript features. The knowledge gained through this project further strengthens understanding of front-end development and real-world problem solving.

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