



University of Engineering and Technology, Lahore

Department of Computer Science

Online Restaurant

Food Junction

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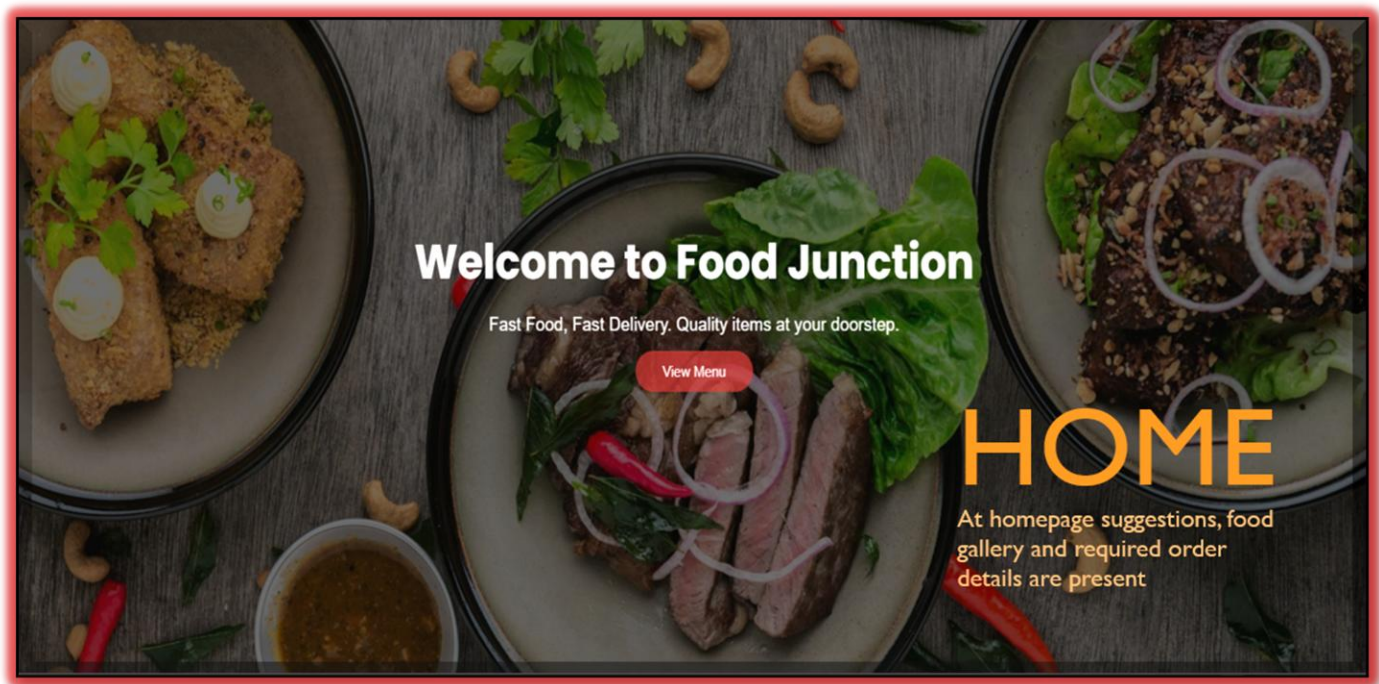


Figure 1 Home page



Our Servings

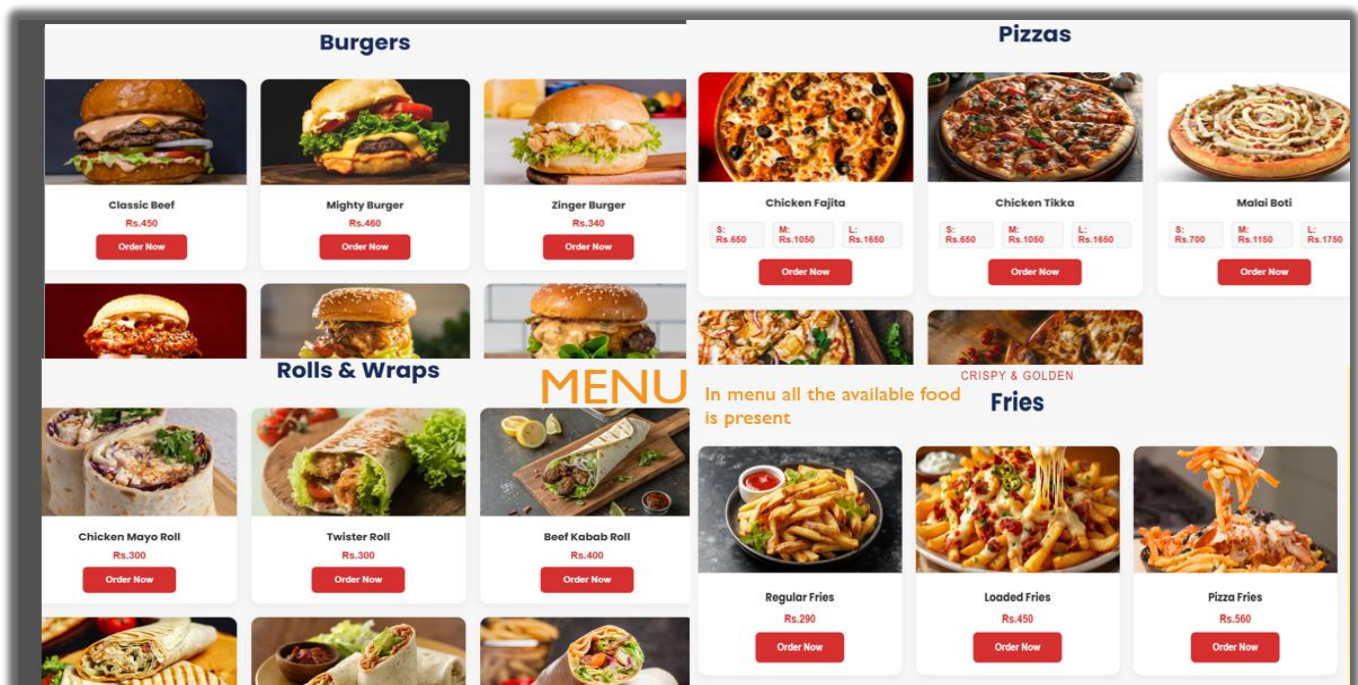


Figure 2 Servings/ Menu

2 Executive Summary:

The Online Restaurant project is a simple, responsive website developed using HTML and CSS to display restaurant information and menu details. It includes pages such as Home, About, Menu, Gallery, and Contact. Menu data is managed using Excel to maintain consistency, and GitHub is used for version control and hosting. The project is designed for academic purposes to build practical skills in web development and data organization. Building skills is the main and focused aim of our project.



3 PROJECT OBJECTIVES:

- To design and develop a user-friendly online restaurant website that allows customers to view menu items easily.
- To provide detailed information about food items including prices, descriptions, and availability.
- To demonstrate the use of HTML and CSS for building a responsive and visually appealing website.
- To organize restaurant data such as menu categories and prices in a structured and meaningful way.
- To support decision-making by using Excel for managing food items, prices, and basic calculations.
- To apply GitHub for version control and maintain consistent project updates.
- To integrate website content with supporting documentation, Excel data, and presentation materials.
- To improve teamwork, planning, and project management skills through a single-chain workflow.

Project Scope:

The Online Restaurant project involves creating a basic and responsive web page for displaying restaurant data and menus. Pages for the web page include Home, About, Menu, Gallery, and Contact. Menus and prices for food, for example, are organized through an Excel sheet and maintained uniform throughout all project outputs.



The project employs HTML/CSS for frontend development, while GitHub is used for version control and hosting services. The project does not include online ordering, payment options, or backend development, as per the objective, meant for educational purposes.

4 SITE STRUCTURE & NAVIGATION:

1. Home:

Purpose:

- First impression of the restaurant
- Highlight popular food, offer, and call-to-action (Order Now)



2. Menu:

Purpose:

- Display all food items with prices
- Categories (Burgers, Pizza, Drinks, etc.)
- Allow users to select items

3. Deals / Offers

Purpose:

- Show special discounts and combo meals
- Attract customers with value offers

4- About Us

Purpose:

- Information about the restaurant
- Mission, quality, and service details



5- Contact Us

Purpose:

- Contact form
- Phone number, email, location
- Customer support

5 DESIGN CHOICES:

1. Font Choices

- **Primary Font:** *Arial, sans-serif*

2. Colour Scheme

- **Red (#d63031):**
 - Used for buttons, prices, and highlights
 - Represents hunger, excitement, and fast-food appeal
- **Yellow (#f1c40f):**
 - Used in the logo
 - Symbolizes energy, warmth, and freshness
- **Navy Blue (#192a56):**
 - Used for headings
 - Provides contrast and professionalism



- **Light Grey (#f7f7f7):**
 - Background colour
 - Reduces eye strain and improves readability
- **White (#ffffff):**
 - Used for cards, navigation bar, and footer
 - Keeps the design clean and modern

6 LAYOUT DECISIONS

- **Navigation Bar (Top):**
 - Simple horizontal menu
 - Easy access to Home, Menu, Deals, About, and Contact
- **Hero Section:**
 - Centre-aligned heading and button
 - Strong call-to-action (“Order Now”)
- **Grid Layout for Menu:**
 - Responsive grid using cards
 - Adjusts automatically for different screen sizes
- **Card-Based Design:**
 - Each food item shown in a separate card
 - Improves clarity and visual organization
- **Consistent Spacing & Alignment:**
 - Balanced margins and padding
 - Enhances user experience and readability



7 ASSETS USED:

The following assets were used in the development of the Food Junction website project:



Images:

Food and restaurant images were taken from free online image sources (e.g., Unsplash, Pexels, and other royalty-free food image libraries). These images were used to visually represent menu items such as burgers, pizzas, wraps, fries, and deals.

Icons:

Icons used across the website (location, phone, email, social media) were sourced from free icon libraries (such as Font Awesome / AWS icons), integrated using CDN links.

Data:

All menu prices, order details, customer records, and sales figures are dummy data created only for academic and demonstration purposes. No real customer or business data was used.

Design Assets:

The website uses a consistent color theme (red, navy blue, white, and grey) and web-safe fonts to maintain a professional restaurant branding style.



8 HOW TO RUN:

The Food Junction website is a static website developed using HTML and CSS and is published using GitHub Pages.

1-Running the Website Locally.

2-Download or clone the project repository from GitHub.

3-Open the project folder on your computer.

4-Open the index.html file in any modern web browser (Chrome, Edge, Firefox).

Publishing the Website Using GitHub Pages.

1-Open the project repository on GitHub.

2-Click on the Settings tab of the repository.

3-From the left sidebar, go to Code and automation → Pages.

4-Under the Source section:

5-Select Deploy from a branch.

6-Choose the main branch.

7-Select /root as the folder.

8-Click Save.

Wait a few moments for GitHub Pages to build and deploy the website.

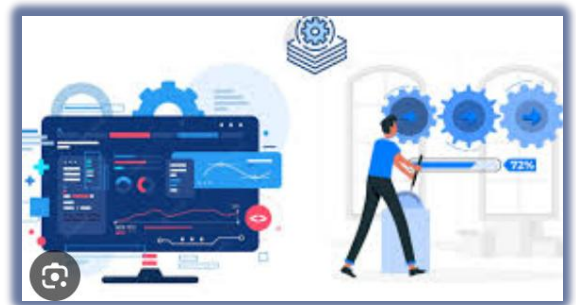
After deployment, GitHub will provide a live website link at the top of the Pages section.

Live Website URL:

<https://tahashah123.github.io/online-resturant/>

GitHub Repository URL:

<https://github.com/tahashah123/online-resturant.git>



9 REFLECTION:



What was learned:

This project helped us learn how to design and develop an online restaurant website in a structured way. We gained practical knowledge of creating site navigation, organizing pages, and using HTML and CSS to build a clean and user-friendly interface. We also learned how design choices such as fonts, colours, and layouts affect usability and customer engagement. Overall, the project improved our understanding of responsive design and basic web development concepts.

Improvements:

In the future, the system can be improved by adding advanced features such as:

- i. **User login and registration:**
Personalized accounts for customers.
- ii. **Online payment methods:**
Secure and convenient payment options.
- iii. **Order tracking:**
Real-time updates for customer orders.
- iv. **Database integration:**
Efficient management of menus, orders, and users.
- v. **Enhanced design:**
Smooth animations and visually appealing layout.
- vi. **Mobile optimization:**
Fully responsive design for all devices.
- vii. **Improved accessibility:**
Features for users with disabilities to ensure inclusivity.

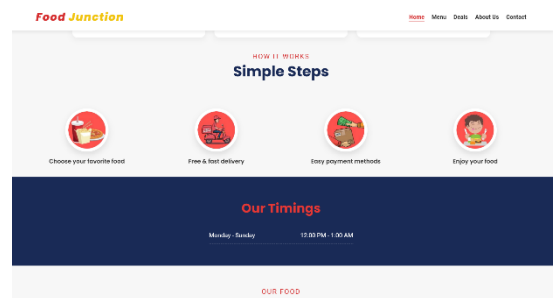
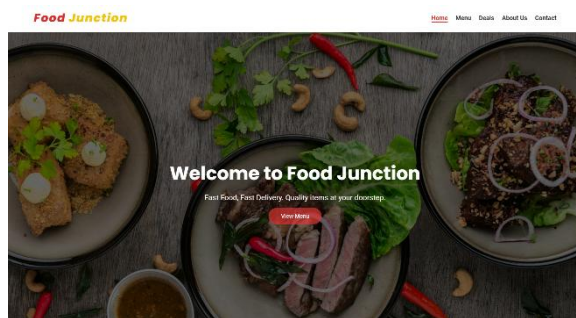




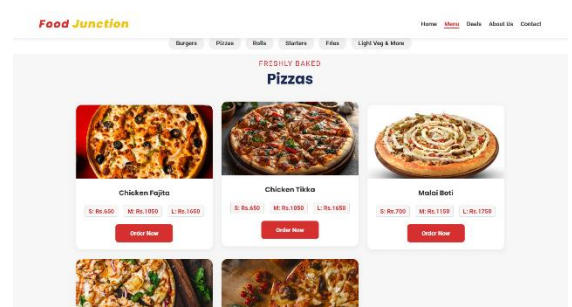
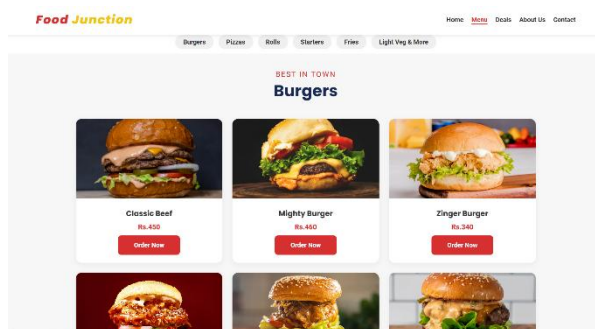
Figure 3Connections

10SCREENSHOTS

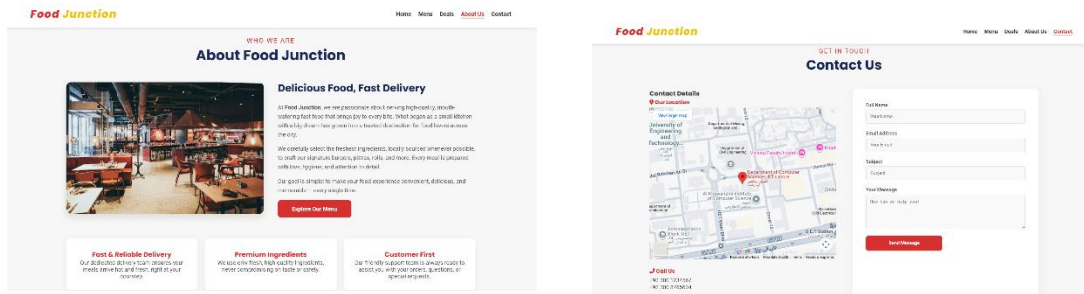
Homepage Screenshots:



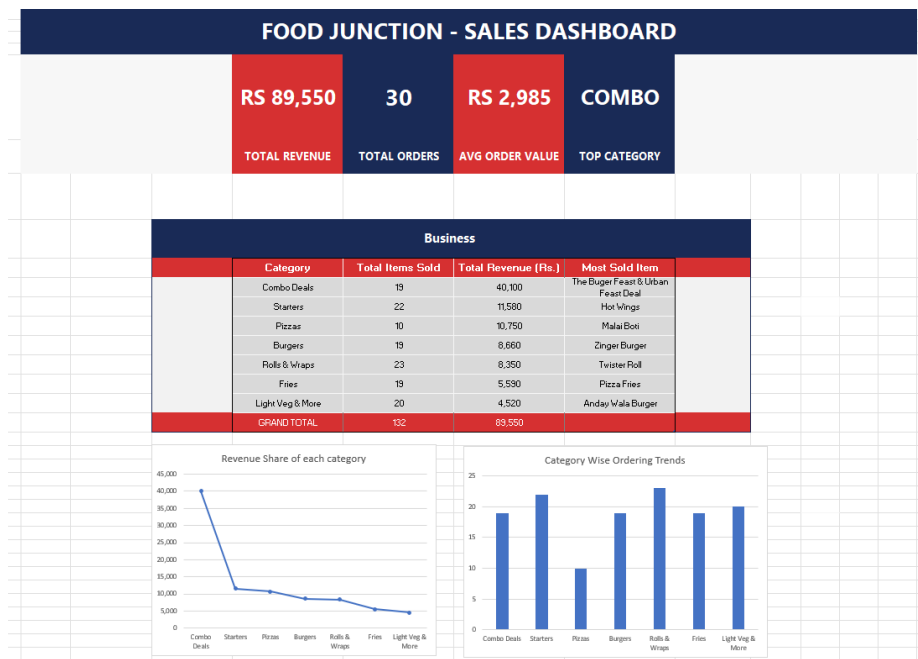
Menu page Screenshots:



About page & Contact PAGE Screenshots:



Sales Dashboard Screenshots:



THANK YOU!