A

Project Report

On

MyFood

Submitted in partial fulfilment of the requirement for the VI semester

Bachelor of Computer Applications

By

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2022-2023

CERTIFICATE

This is to certify that the thesis titled **"MyFood" submitted** by **Vivek Saxena**, to Graphic Era Hill University for the award of the degree of **Bachelor of Computer Application**, is a bona fide record of the research work done by him/her under our supervision. The contents of this project in full or in parts have not been submitted to any other Institute or University for the award of any degree or diploma.

Place:Bhimtal
Date:31May,
2023

Mr. Praveen
Project Guide GEHU,
Bhimtal

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ABSTRACT

This report presents a comprehensive overview of a college project on MyFood (a food delivery system. The ultimate destination for food enthusiasts and culinary explorers. MyFood is a vibrant online platform that brings together a diverse community of food lovers, chefs, and home cooks. Our mission is to inspire, connect, and empower individuals with a shared passion for food.

This abstract aims to capture the essence of MyFood as a platform that offers a wide range of recipes, fosters community engagement, provides educational resources, and celebrates the joy of cooking and food exploration. Feel free to customize and expand upon this abstract to best reflect the unique features and offerings of your MyFood website

INTRODUCTION

MyFood is basically a website dedicated to food lovers from around the world and providing them with a rich and diverse food experience. This website will help to connect the person who craved for healthy and variety of best quality food . MyFood shares the recipe and knowledge regarding Food, which help the person to really connect to food that is serverd. MyFood is here to inspire,educate, and satisfy your quality food cravings.

1.1 PROBLEM STATEMENT

The problem that MyFood aims to address is the lack of a comprehensive and user-friendly platform that brings together food lovers, provides diverse recipes, offers expert tips and techniques, and fosters a sense of community among culinary enthusiasts. Existing resources may be scattered across various websites, making it challenging for individuals to find reliable and inspiring content in one place. Additionally, many people struggle with meal planning and may need assistance in organizing their culinary adventures.

1.2 OBJECTIVES

The website will have an intuitive interface, easy navigation, and a visually appealing design. It will be responsive across various devices, ensuring that users can access and enjoy the content anytime, anywhere.

The objective of the MyFood website project is to create a comprehensive and engaging platform that caters to the needs of food lovers, aspiring chefs, and anyone interested in exploring the world of Food.

1.3 SCOPE OF THE PROJECT

The scope of the project for MyFood can encompass various aspects, depending on your specific goals and requirements. Here is a general outline of the potential scope for a MyFood website:

1.3.1 User Experience and Design:

Designing an intuitive and visually appealing user interface for easy navigation and seamless browsing.
Creating a responsive website that is accessible across different devices and screen sizes.
Implementing a visually engaging and cohesive design theme that aligns with the food and culinary industry.

1.3.2 Landing Page:

Designing an attractive landing page that introduces the website and captures the visitors' attention.
Creating a dynamic home page that showcases featured recipes, chef highlights, or popular culinary content.
Incorporating visually appealing banners, images, and call-to-action elements to encourage user engagement.

1.3.4 Community Features and Interaction:

Implementing a Submission form for users to share their recipe, and interact with recipe creators.
Enabling users to rate and review recipes, helping others make informed choices.
Integrating social media sharing options to facilitate easy sharing of recipes and culinary content.

1.3.5 Backend Development:

Building a secure and scalable backend system to handle user authentication, database management, and data storage.
Implementing server-side scripting and programming languages to process form submissions, manage user accounts, and perform data operations

1.3 Overview of technologies:

1.3.1 HTML (Hypertext Markup Language):

HTML stands for Hypertext Markup Language. It is the standard markup language used for creating the structure and content of web pages. HTML uses a set of tags and elements to define the different parts of a web page, such as headings, paragraphs, images, links, forms, and more.
It provides the basic building blocks for organizing and presenting information on the web. HTML is a static language, meaning it defines the structure and content of the page but does not handle dynamic functionality.

1.3.2 CSS (Cascading Style Sheets):

CSS stands for Cascading Style Sheets. It is a stylesheet language used for describing the presentation and visual styling of a web page written in HTML. CSS allows web developers to control the layout, colors, fonts, and other visual aspects of their web pages.
By separating the content (HTML) from the presentation (CSS), it provides a flexible and efficient way to style web pages consistently across multiple pages or an entire website. CSS can be applied inline within HTML elements, embedded within HTML documents, or linked externally as a separate CSS file.

1.3.3 PHP (Hypertext Preprocessor):

PHP stands for Hypertext Preprocessor. It is a server-side scripting language used for developing dynamic web applications and generating dynamic content. PHP scripts are executed on the server, generating HTML that is then sent to the client's browser. PHP can be embedded within HTML files or used to create standalone PHP files.

It provides powerful features for interacting with databases, processing form data, handling sessions and cookies, performing file operations, and more. PHP is widely used for building web applications that require server-side processing and interaction with databases.

REQUIREMENT ANALYSIS

Requirement analysis is a crucial step in the development of any website. It helps to identify and define the specific needs and expectations of the project. Here are some key areas to consider for requirement analysis for your website, MyFood:

2.1 User Requirement:

2.1.1 User Roles:

-Food Enthusiast: They will interact with the system to input patient data, viewprediction results, and provide feedback on the accuracy of the predictions.

2.2 Functional Requirements:

2.2.1 User Registration and Authentication:

-Determine if users should be able to create accounts, log in, and access personalized features.
- Recipe Management: Define the ability for users to search, view, save, and submit recipes.

2.2.2 Navigation:

-Determine the search options and filtering criteria for users to find recipes and pricing

2.3 Non-Functional Requirements:

2.3.1 Performance:

-Fast page loading times to provide a smooth and responsive user experience.
-Efficient handling of database queries and data retrieval to minimize waiting times.

2.3.2 Usability and User Experience:

-Intuitive and user-friendly interface design to ensure easy navigation and seamless interaction.
-Consistent and visually appealing design elements throughout the website.
-Responsive and mobile-friendly layout to ensure optimal viewing experience across different devices.

2.3.4 Security:

-Robust user authentication and authorization mechanisms to protect user accounts and personal information.

2.4. Content Management:

2.4.1 Recipe Database:

-Determine the structure and organization of the recipe database, including fields such as title, ingredients, instructions, cooking time, difficulty level, and dietary information.

2.4.2 Responsive Design:

-Specify the need for a mobile-friendly and responsive website design that adapts to different screen sizes and devices.

2.4.3 Visual Theme and Branding:

-Define the desired visual style, color schemes, typography, and overall branding elements to align with the MyFood concept and appeal to the target audience.

2.4.4 Navigation and User Experience:

-Determine the layout, menus, and user flow to ensure intuitive navigation and a seamless browsing experience.

Conclusion:

This requirement analysis provides an overview of the key features and functionalities of MyFood for the project. By addressing the user requirements, functional requirements, and non-functional requirements and content management, the project team can proceed with the design and development phases with a clear understanding of the project scope and objectives.

2.5 Software Requirements:

2.5.1 Text Editor:

-You can use any text editor of your choice, such as Visual Studio Code, Sublime Text, Atom, or Notepad++. These editors provide syntax highlighting and code editing features.

2.5.2 Web Browser:

-Install a modern web browser like Google Chrome, Mozilla Firefox, or Microsoft Edge for testing and previewing your web page.

2.5.3 Web Server:

-For running PHP code, you'll need a web server installed on your local machine. Common options include Apache (XAMPP or WAMP).

2.6 Hardware Requirements:

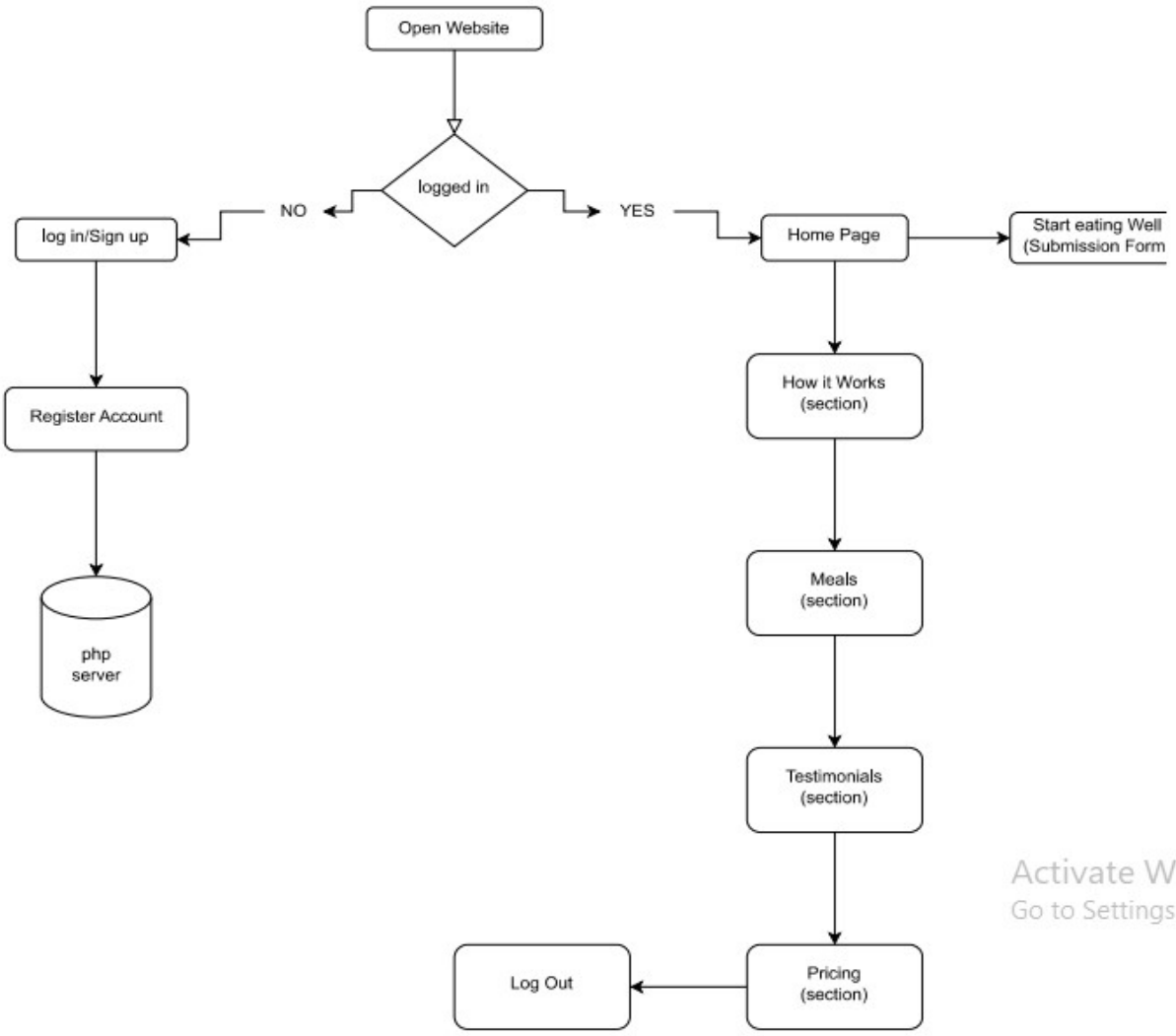
2.6.1 Computer:

-A desktop or laptop computer capable of running the required software is sufficient for building a simple landing page.

2.6.2 Operating System:

-Choose an operating system compatible with the web development tools you plan to use. This can be Windows, macOS, or Linux.

2.7 FLOWCHART OF DESIGN AND DEVELOPMENT OF PROJECT(MyFood)



PROJECT DESIGN

3.1 Blueprint

3.1.1 How It Works:

- The "How It Works" section provides a step-by-step explanation of how MyFood operates.
- It illustrates the process of ordering meals, customizing preferences, and receiving deliveries.
- Visual elements such as icons or illustrations can be used to enhance the explanation.

3.1.2 Meals**:**

- The "Meals" section showcases the variety of meals available through MyFood.
- It can be organized by categories such as breakfast, lunch, dinner, and snacks.
- Each meal is displayed with an appetizing image, a brief description, and nutritional information.
- Users can select meals, customize options (e.g., portion size, dietary restrictions), and add them to their cart.

3.1.3 Testimonials:

- The "Testimonials" section features reviews and feedback from satisfied customers.
- It displays testimonials in a visually appealing format, including customer names and photos.
- Testimonials highlight the positive experiences, results, and benefits users have had with MyFood.
- Users may also have the option to submit their own testimonials.

3.1.4 Pricing:

- The "Pricing" section outlines the different pricing plans or packages offered by MyFood.
- It presents pricing details, such as the cost per meal, subscription options.
- Users can easily compare pricing tiers and select the plan that best suits their needs.
- Clear call-to-action buttons can be included to encourage users to sign up or subscribe.

3.1.5 About Us:

- The "About Us" section provides an overview of MyFood, its mission, and its values..
- This section can also highlight the commitment to quality, sustainability, or any unique selling points of MyFood.

4. CONCLUSION AND FUTURE SCOPE

4.1 CONCLUSION

At MyFood, we are committed to transforming the way people think about and experience their meals. Our user-centric platform provides a seamless and personalized approach to food. We strive to make healthy eating convenient, enjoyable, and accessible to everyone.

With our team of talented chefs, nutritionists, and dedicated professionals, we ensure that each meal prepared and delivered through MyFood meets the highest standards of quality, freshness, and flavor. We source ingredients locally and prioritize sustainability, supporting both our customers' well-being and the environment.

Through user testimonials , we continuously improve and refine our offerings, ensuring that each customer's experience with MyFood is exceptional. We value our customers' trust and satisfaction, and their success stories motivate us to innovate and deliver beyond expectations.

Whether you are seeking a hassle-free way to maintain a healthy lifestyle, explore new culinary horizons, or simply enjoy convenient and delicious meals, MyFood is here to serve you.
We invite you to explore our diverse menu, Experience the joy of delicious and nourishing food, delivered straight to your door, and embark on a journey towards a healthier, more vibrant, and fulfilling life with MyFood.

4.2 FUTURE SCOPE

The future scope of MyFood holds great potential for growth and expansion in various areas. Here are some potential avenues for future development:

4.2.1 Geographic Expansion:

MyFood can explore opportunities to expand its services to new geographic locations, targeting a wider audience and catering to diverse culinary preferences and cultural tastes.

4.2.2 Menu Diversification:

Continually expanding and diversifying the menu offerings to accommodate a broader range of dietary preferences, including specialized diets such as keto, paleo, or specific allergen-free options.

4.2.3 Enhanced Personalization:

Implementing advanced personalization features to allow users to further customize their meal choices based on individual preferences, health goals, and nutritional requirements.

4.2.4 Integration with Wearable Devices:

Exploring partnerships with wearable device manufacturers to enable seamless integration of MyFood services with health and fitness tracking devices, providing users with real-time nutrition and activity data.

4.2.5 Collaboration with Local Producers:

Strengthening relationships with local farmers, suppliers, and producers to promote sustainability, support local communities, and ensure the use of fresh, organic, and locally sourced ingredients.

4.2.6 Community Engagement:

Building a vibrant online community where users can share recipes, cooking tips, and engage in discussions related to healthy eating, fostering a sense of belonging and inspiring a collective commitment to wellness.

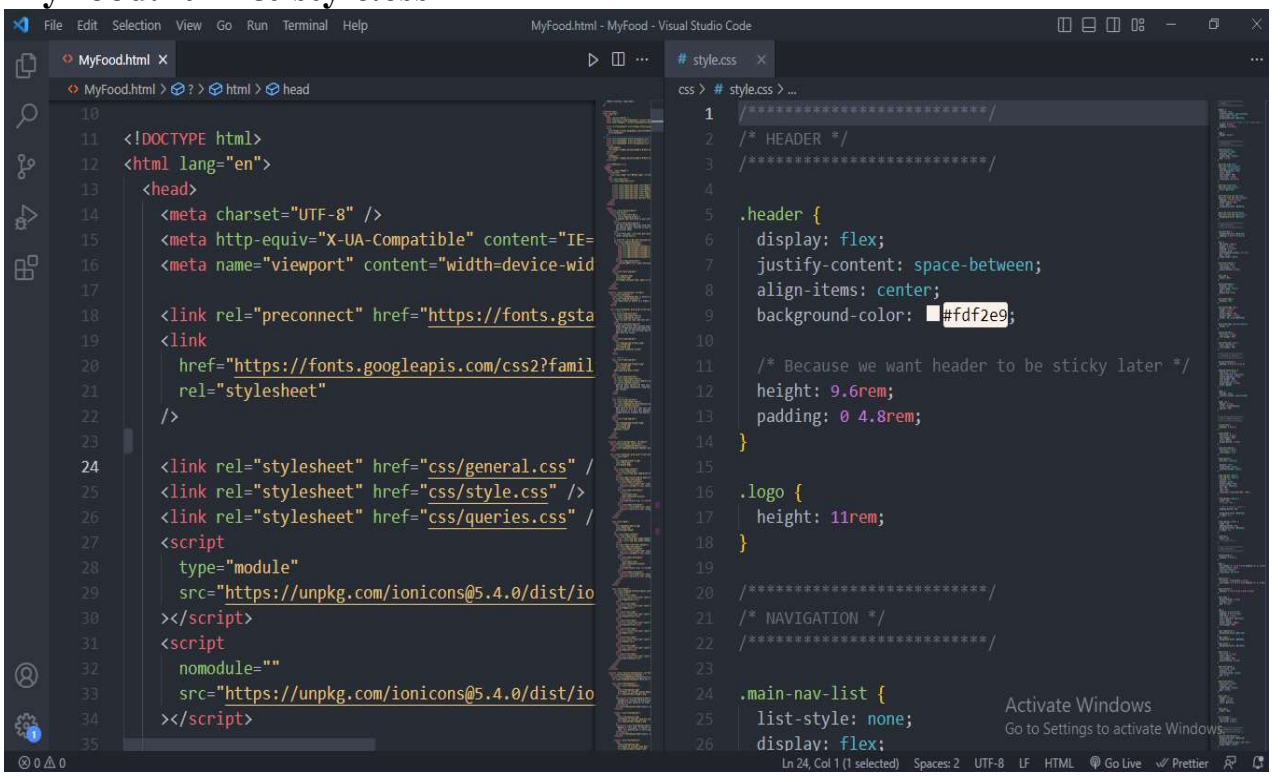
4.2.7 Mobile Application Development:

Creating a dedicated mobile application for MyFood to provide users with a seamless, on-the-go experience, including features such as meal tracking, easy ordering, and personalized recommendations.

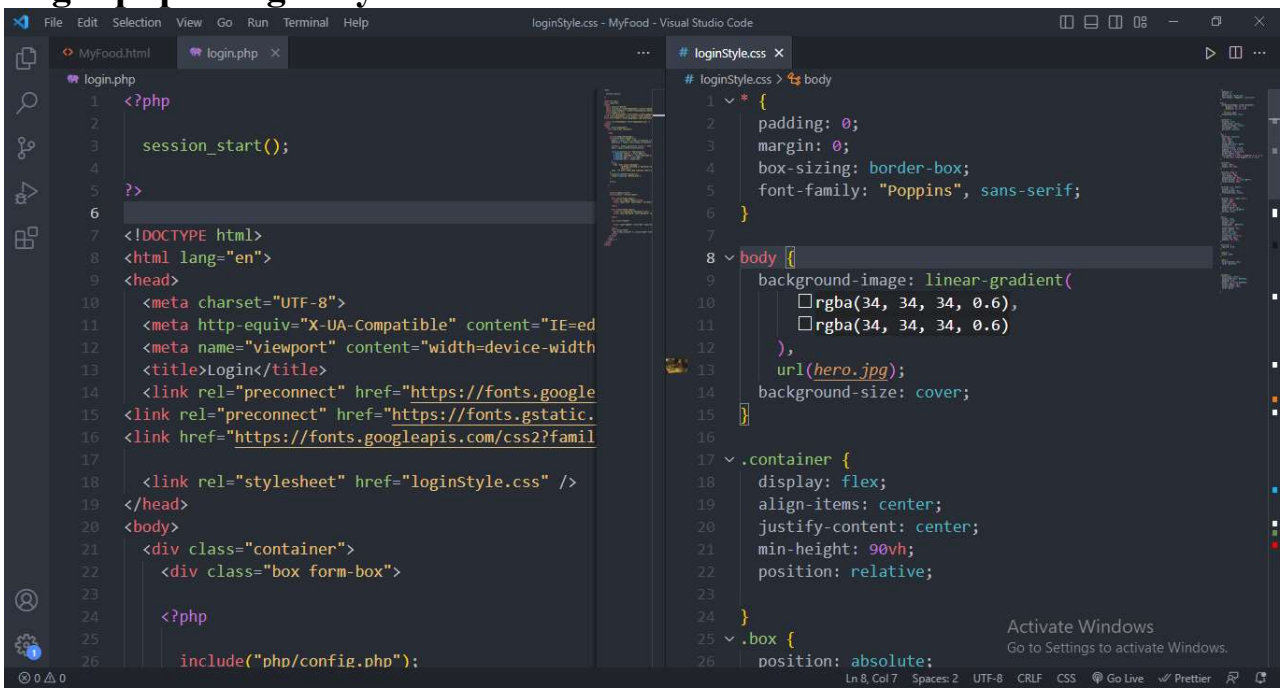
APPENDIX A

(Code Snippets)

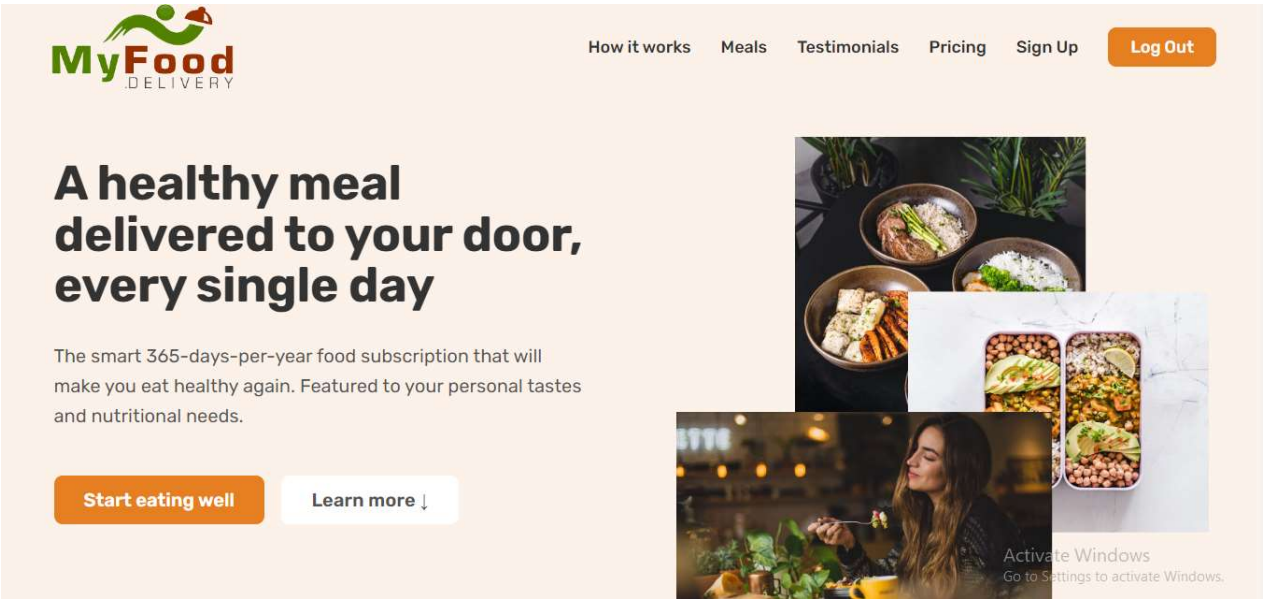
MyFood.html & style.css



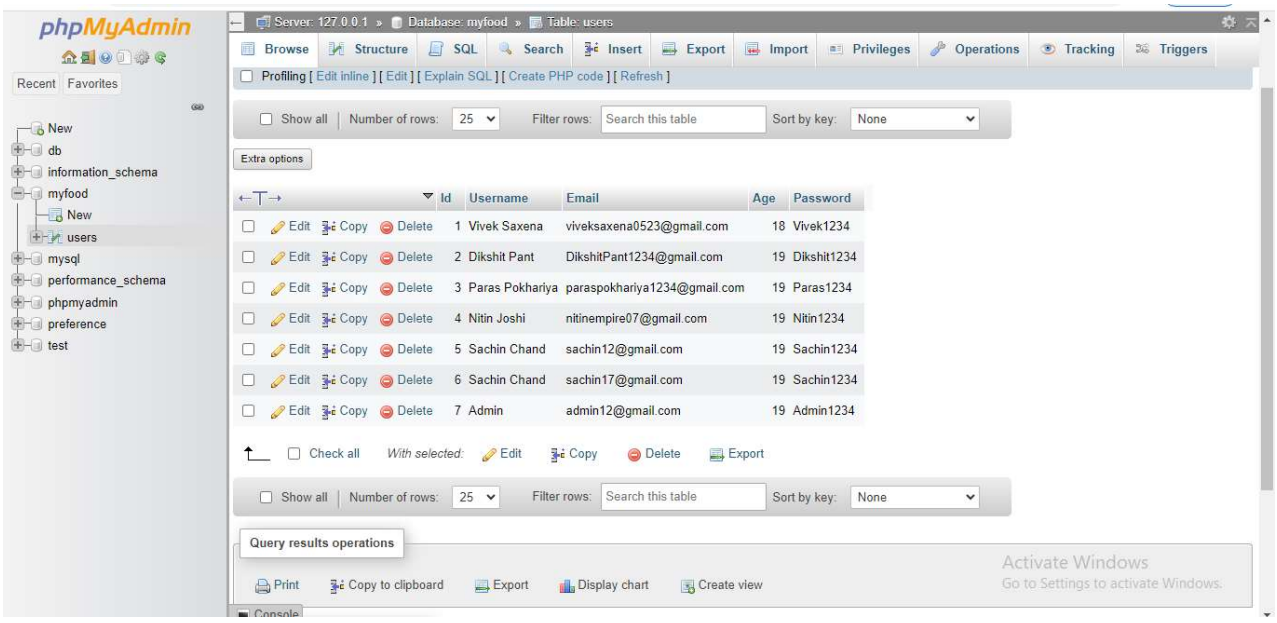
Login.php & loginStyle.css

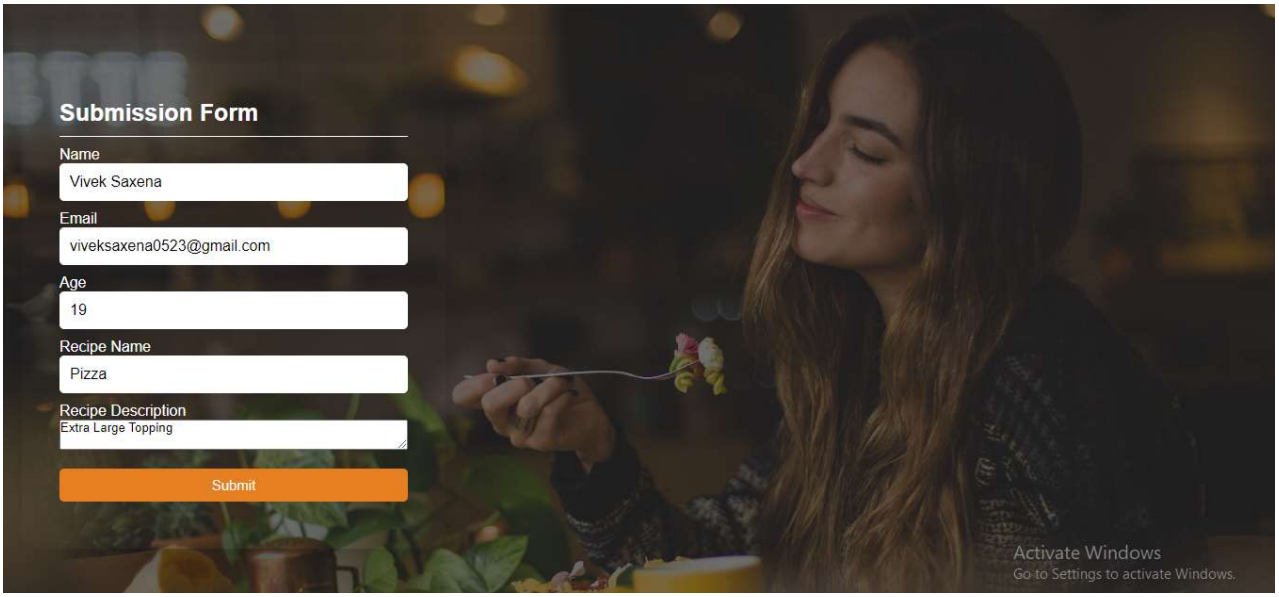


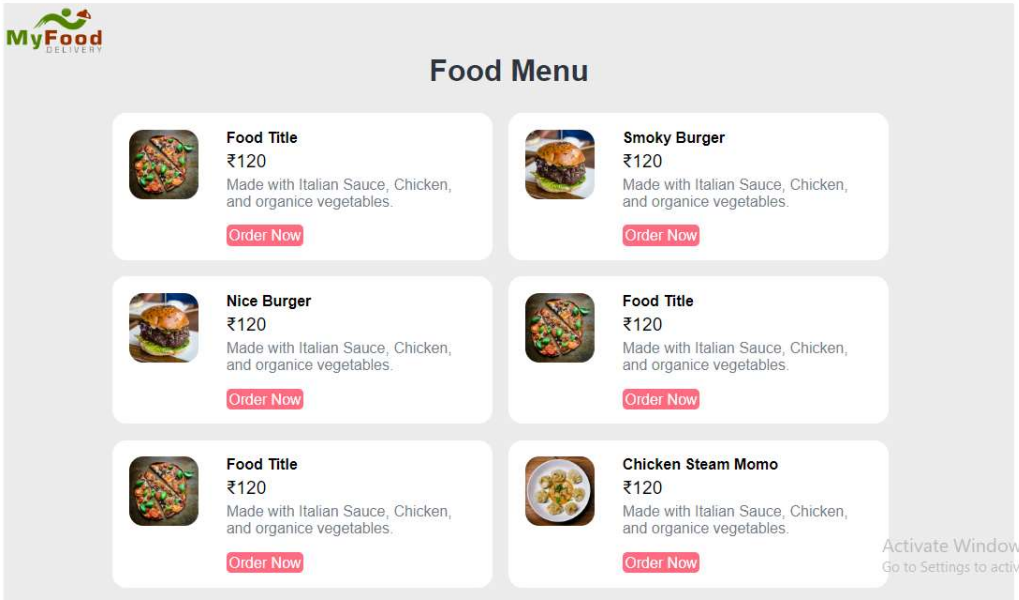
(Interface & Design)




Sign Up
Username
Email
Age
Password
Registration
Already a member? Sign In
Activate Windows
Go to Settings to activate Windows.


phpMyAdmin
Recent Favorites
New
db
information_schema
myfood
New
users
mysql
performance_schema
phpmyadmin
preference
test
Server: 127.0.0.1 » Database: myfood » Table: users
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Extra options
Id Username Email Age Password
Edit Copy Delete 1 Vivek Saxena viveksaxena0523@gmail.com 18 Vivek1234
Edit Copy Delete 2 Dikshit Pant DikshitPant1234@gmail.com 19 Dikshit1234
Edit Copy Delete 3 Paras Pokhariya paraspokhariya1234@gmail.com 19 Paras1234
Edit Copy Delete 4 Nitin Joshi nitinempire07@gmail.com 19 Nitin1234
Edit Copy Delete 5 Sachin Chand sachin12@gmail.com 19 Sachin1234
Edit Copy Delete 6 Sachin Chand sachin17@gmail.com 19 Sachin1234
Edit Copy Delete 7 Admin admin12@gmail.com 19 Admin1234
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Query results operations
Print Copy to clipboard Export Display chart Create view
Console
Activate Windows
Go to Settings to activate Windows.


Submission Form
Name
Vivek Saxena
Email
viveksaxena0523@gmail.com
Age
19
Recipe Name
Pizza
Recipe Description
Extra Large Topping
Submit
Activate Windows
Go to Settings to activate Windows.


MyFood
DELIVERY
Food Menu
Food Title
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Smoky Burger
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Nice Burger
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Food Title
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Food Title
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Chicken Steam Momo
₹120
Made with Italian Sauce, Chicken, and organice vegetables.
Order Now
Activate Windows
Go to Settings to activate Windows.

Selected Food

Food Title

₹ 120

Quantity

1

Delivery Details

Full Name

E.g. Vivek Saxena

Phone Number

E.g. 7500xxxxxx

Email

E.g. viveksaxena0523@gmail.com

Address

E.g. Street, City, Country

Confirm Order

MEALS

MyFood chooses from 500+ recipes

VEGETARIAN

Indian Momo

650 calories

NutriScore ® **74**

4.9 rating (537)

VEGAN PALEO

Mix Salad

400 calories

NutriScore ® **92**

4.8 rating (441)

Works with any diet:

- Vegetarian
- Vegan
- Gluten-free
- Lactose-free
- Keto
- Paleo
- Natural
- Kid-friendly

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