SIX WEEKS SUMMER TRAINING REPORT

On

“FROND-END DEVELOPMENT”

Submitted by

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Under the guidance of

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(June-July,2021)

DECLARATION

I hereby declare that I have completed my six weeks summer training at Board Infinity platform from June 5,2021 to July 15,2021 under the guidance of Mr. Nanda Kishore. I have declare that I have worked with full dedication during the 6 weeks of training and my learning outcomes fulfill the requirements of training for the award of degree of B.Tech. CSE, Lovely Professional University, Phagwara.

Date: 30-sep-2021

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ACKNOWLEDGEMENT

I would like to express my gratitude towards my university as well as Board Infinity for providing me the golden opportunity to do this wonderful summer training regarding Front-end development, which also helped me doing a lot of homework and learning. As a result , I came to know so many new things . So I am really thank full to them.

Moreover, I would like to thank my friends who have helped me a lot whenever I got struck in some problem related to my course, I am really thankful to have such a good support of them as they always have my back whenever I need. Also I would like to mention the support system and consideration of my parents who have always been there in my life to make choose right thing to oppose the wrong. Without them I could never had learned and become a person who I am now.

I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organization. I would like to extend my sincere thanks to all of them

Summer Training certificate by Board Infinity:

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

Bareddy Raja Shekhar Reddy

for successfully completing
Front End Development Course

13th Jul, 2021
ISSUED DATE

CEO, Board Infinity
Sumesh Nair

BIDT2345987547
CERTIFICATE NO.

BOARD

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TITLE OF PROJECT:

Topic chosen is food ordering portal with this topic a website created with title ‘FUN WITH FOOD’ expressing the joy of food.

Online food ordering services are websites that feature interactive menus allowing customers to place orders with local restaurants and food cooperatives.

SUMMARY:

This website contains foods of all types along with deserts. It also allows us to order any food at any time along with the primary view of the foods available through any payment method.it also contains the cash on delivery option for the convenience of customer. This website also contains some special food items which carries discount and are prepared only on special days.

INTRODUCTION:

The project Online Food ordering system is a web based application that allows the administrator to handle all the activities online quickly and safely. Using Interactive GUI anyone can quickly learn to use the complete system. Using this, the administrator doesn’t have to sit and manage the entire activities on paper, and at the same time, the head will feel comfortable to keep check of the whole system.

I have done a project “food ordering portal”. This website is prepared to help the customer to order the food items they love and delivered to their address.

This study lays out a framework for a new system to be developed and brought to the market for maximum use and to create an avenue through the web where users can log on to our server and make a selection of whatever goods or food they like and subsequently pay via the internet. The following are the objectives this would bring:

1. The home page of this web interfile provides an avenue where customers will be able to gather more and reliable information about what the fast food industry really does.

2. The products and services offered would provide the customers with all the different categories of available products that they can choose and select from.

3. This will provide a user friendly environment between the customer and employee thus increasing the efficiency of the food ordering system.

4. There will also be an online purchase form with which valued customers will be using to get in touch with any of their request whenever the need arises.

5. It will also help for easy retrieval of orders made by the customers.

AIM:

Our proposed system is an online food ordering system that enables ease for the customers. It overcomes the disadvantages of the traditional queueing system. Our proposed system is a medium to order online food hassle free from restaurants as well as mess service. This system improves the method of taking the order from customer. The online food ordering system sets up a food menu online and customers can easily place the order as per their wish. Also with a food menu, customers can easily track the orders. This system also provides a feedback system in which user can rate the food items. Also, the proposed system can recommend hotels, food, based on the ratings given by the user, the hotel staff will be informed for the improvements along with the quality. The payment can be made online or pay-on-delivery system. For more secured ordering separate accounts are maintained for each user by providing them an ID and a password.

Due to the great increase in the awareness of internet and the technologies associated with it, several opportunities are coming up on the web. So many businesses and companies now venture into their business with ease because of the internet. One of such business that the internet introduced is an online food ordering system. In today’s age of fast food and take out, many restaurants have chosen to focus on quick preparation and speedy delivery of orders rather than offering a rich dining

experience. Until recently, most of this delivery orders were placed over the phone, but there are many disadvantages to this system.

FRONT-END DEVELOPMENT:

Front-end web development, also known as client-side development is the practice of producing HTML, CSS and JavaScript for a website or Web Application so that a user can see and interact with them directly. The challenge associated with front end development is that the tools and techniques used to create the front end of a website change constantly and so the developer needs to constantly be aware of how the field is developing.

The objective of designing a site is to ensure that when the users open up the site they see the information in a format that is easy to read and relevant. This is further complicated by the fact that users now use a large variety of devices with varying screen sizes and resolutions thus forcing the designer to take into consideration these aspects when designing the site. They need to ensure that their site comes up correctly in different browsers (cross-browser), different operating systems (cross-platform) and different devices (cross-device), which requires careful planning on the side of the developer.

TECHNOLOGIES USED:

The cornerstones of web development are CSS and HTML. You may create a website with only these tools.

CSS is used to style the visual layout of the webpage, while HTML provides structure.

- *HTML:* The standard markup language for constructing web pages is Hypertext Markup Language (HTML). It is the most fundamental building block for creating web pages. It gives meaning to our web content, for example defining paragraphs, headings, and data tables, or embedding images and videos in the page.

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as

headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as <img /> and <input /> directly introduce content into the page. Other tags such as <p> surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behaviour and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

- *CSS:* CSS (Cascading Style Sheets) is the language that is used to present the HTML document.HTML is used to lay the groundwork for your website. On the other hand, it is used to create the page's layout, color, fonts and style. Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML.CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.CSS is designed to enable the separation of presentation and content, including layout, colours, and fonts. This

separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate.css file, and reduce complexity and repetition in the structural content.

CSS information can be provided from various sources. These sources can be the web browser, the user and the author. The information from the author can be further classified into inline, media type, importance, selector specificity, rule order, inheritance and property definition. CSS style information can be in a separate document or it can be embedded into an HTML document. Multiple style sheets can be imported. Different styles can be applied depending on the output device being used; for example, the screen version can be quite different from the printed version, so that authors can tailor the presentation appropriately for each medium. The style sheet with the highest priority controls the content display. Declarations not set in the highest priority source are passed on to a source of lower priority, such as the user agent style. The process is called cascading.

One of the goals of CSS is to allow users greater control over presentation. Someone who finds red italic headings difficult to read may apply a different style sheet. Depending on the browser

and the web site, a user may choose from various style sheets provided by the designers or may remove all added styles and view the site using the browser's default styling, or may override just the red italic heading style without altering other attributes.

Both of these languages are required to work as a front-end developer.

ADVANTAGES:

The main reason is that it benefits both the customer and the business.

With a website or mobile app, customers can easily browse all the dishes the restaurant has available, customize dishes to their requirements and place an order. It can also save their favourite orders allowing them to easily re-order that in the future.

From the restaurants perspective, they no longer spend time taking the customers order, stop worrying about communication errors and streamline their order management workflow.

- It’s fast, easy and comfortable.
- Less hassle for you.
- An online menu is simpler to manage.
- It’s just one click away.

SIGNIFICANCE:

In view of the rapid development of computer technology in almost all the fields of operation and its use in relation to information management, it has become important to look into the development of online ordering system for firms to meet up with demands of the customers. Therefore, the food ordering and delivery system will help customers and management to:

1. Advertise available foods in their company

2. Reduce the workload in the present system

3. Reduce time wasted in data processing

4. Create a platform for online purchase and delivery of fast food

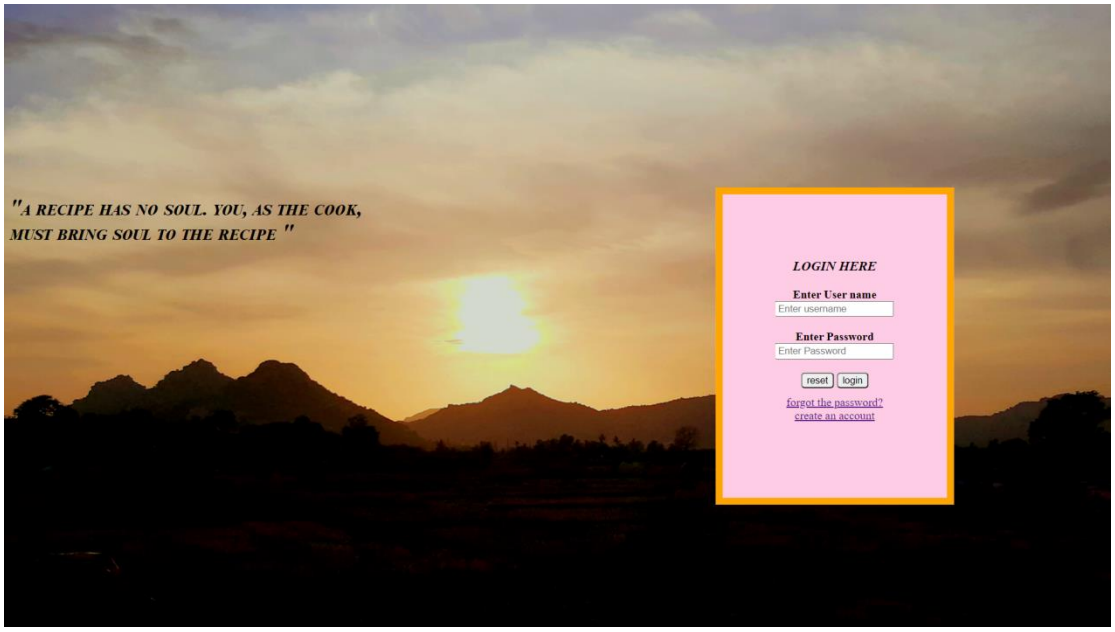
5. Keep accurate record on purchased order and delivery.

PROJECT:

This portal is different from other portals in the way of representing the foods items available. It contains an immediate option of returning to dashboard from any where in the website .This also contains an login page as a precaution that no one misuses our customer's account .This is a safety and secure feature added to the website login page .Due to this security feature our banking ids ,address, names and phone numbers are secured' .

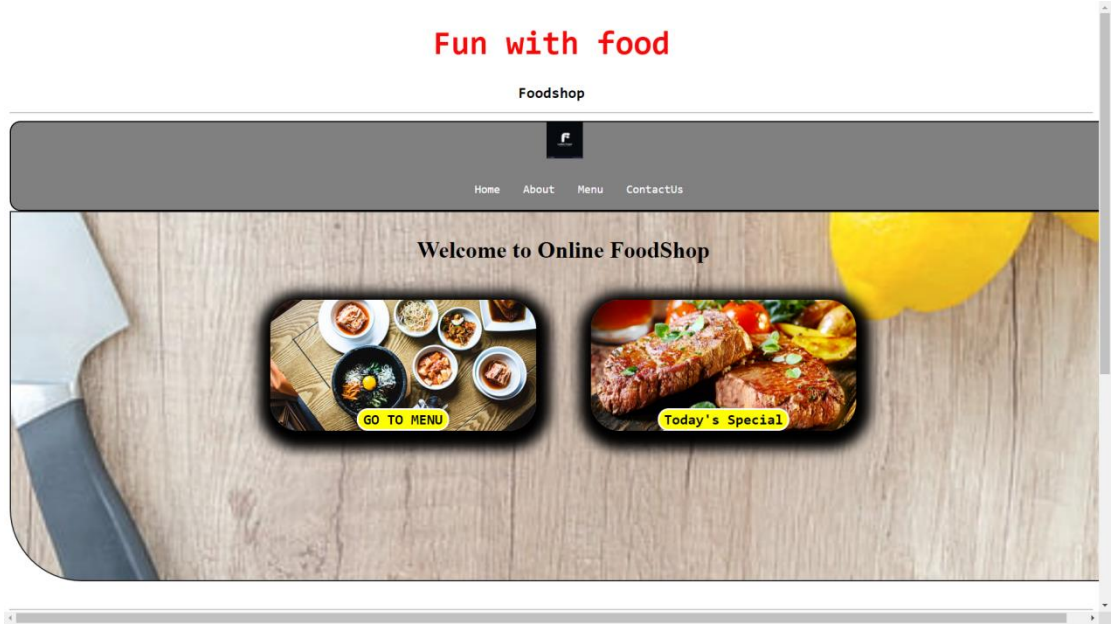
LOGIN Page:

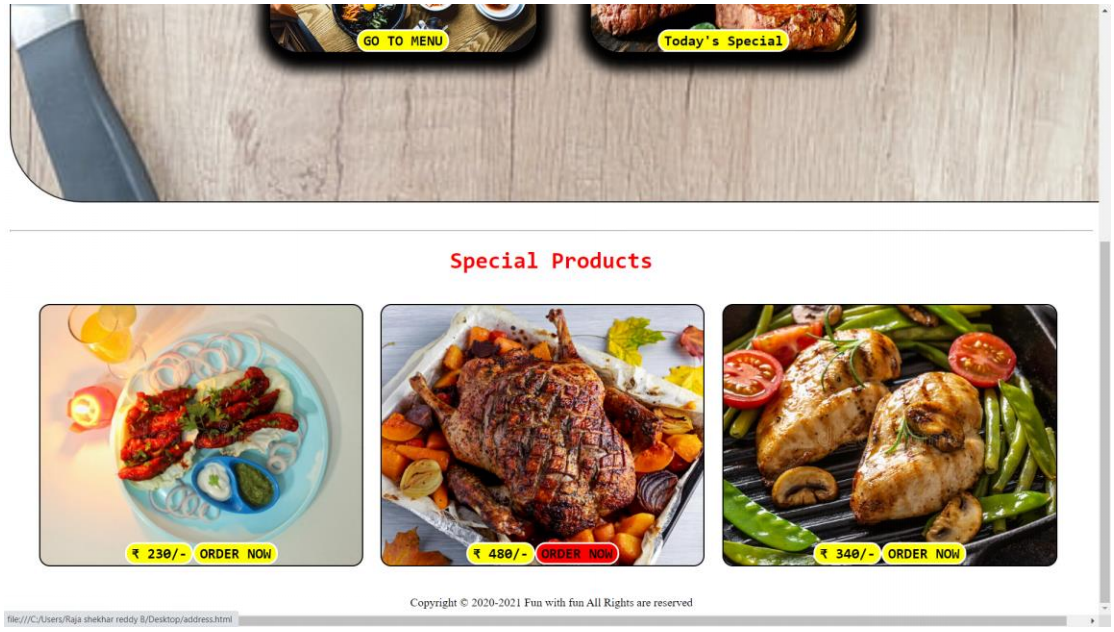
Here the customer can login into the online food shop through this login web page by providing his username and password .If the customer misses any info then there will be a warning indicating 'please fill up this field '.And here you can see the snapshot of the login page.



Dashboard or index page:

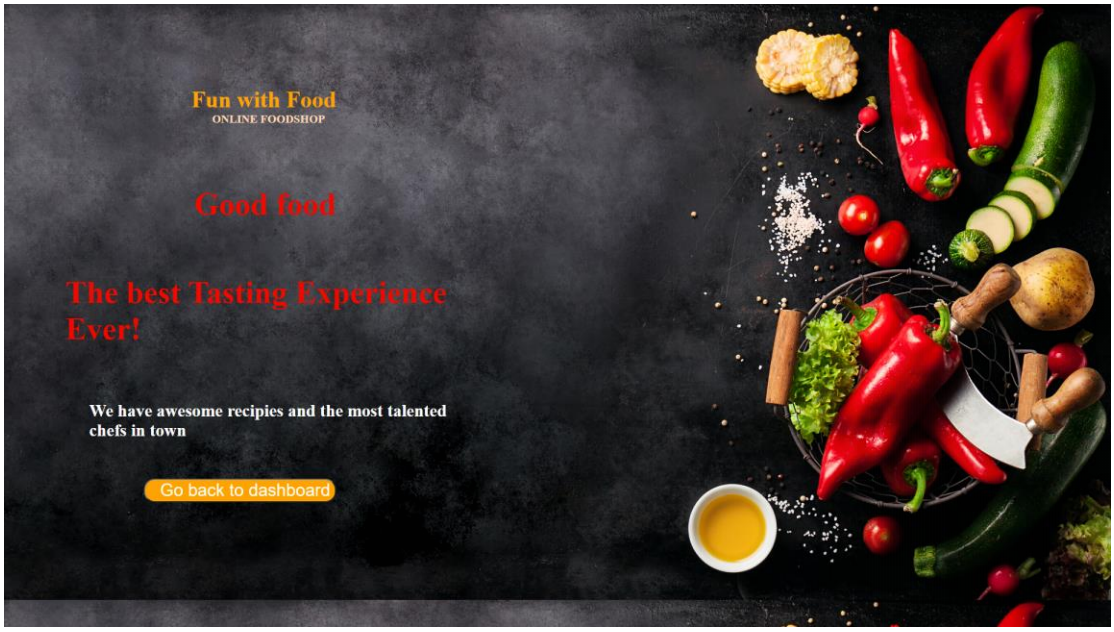
The customer can view the options he needed as menu and today's special. He can go to any of those options and order. And here is the snapshot of dashboard .





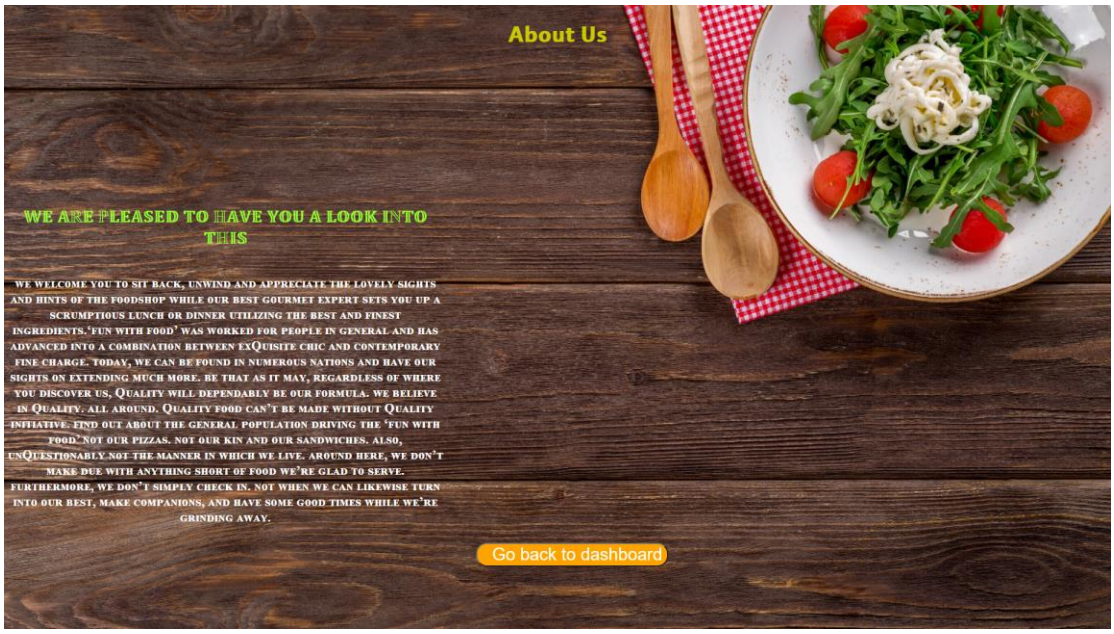
Home page:

If the customer wants to visit our homepage. He just need to click the home option present in the dashboard. After, he can view the official home page of fun with food online food-shop



About us:

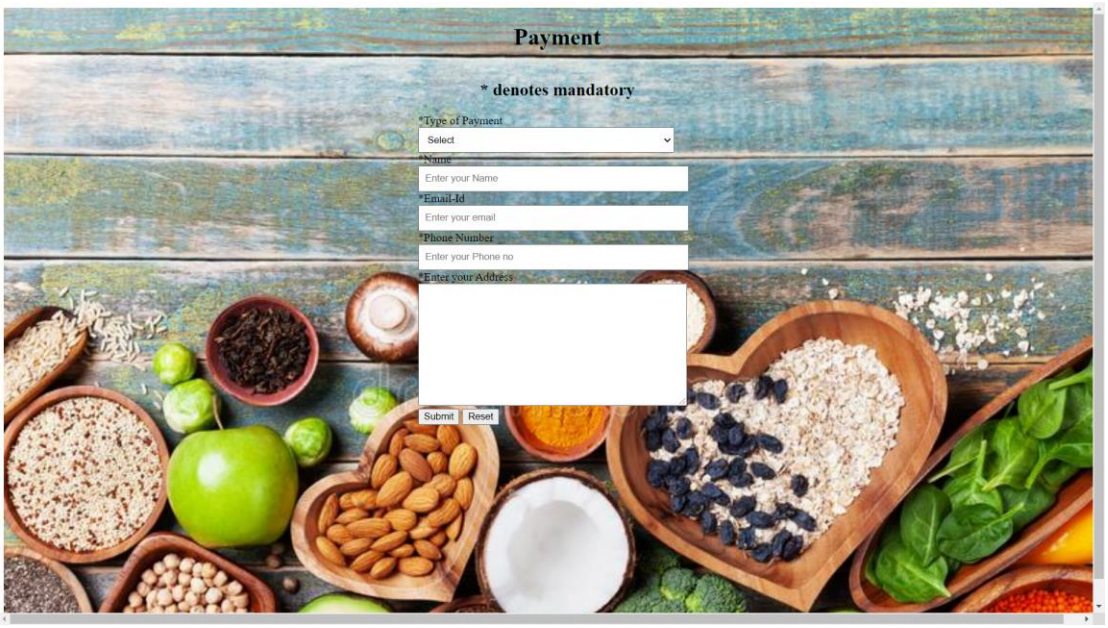
If the customer wants to know about us. He just need to click on the about us option present in the top of the dashboard. After, he can know about us (fun with food online food shop)



Menu page: When customer visits our menu. He will be able to see all types of variety of food, that are able to deliver now. He can order the dish by just clicking on the given option .And here is the snapshot of menu page . A list of dishes available in a restaurant or the food available or to be served in a restaurant or at a meal for example “a dinner-party menu”, “politics and sport are on the menu tonight”.

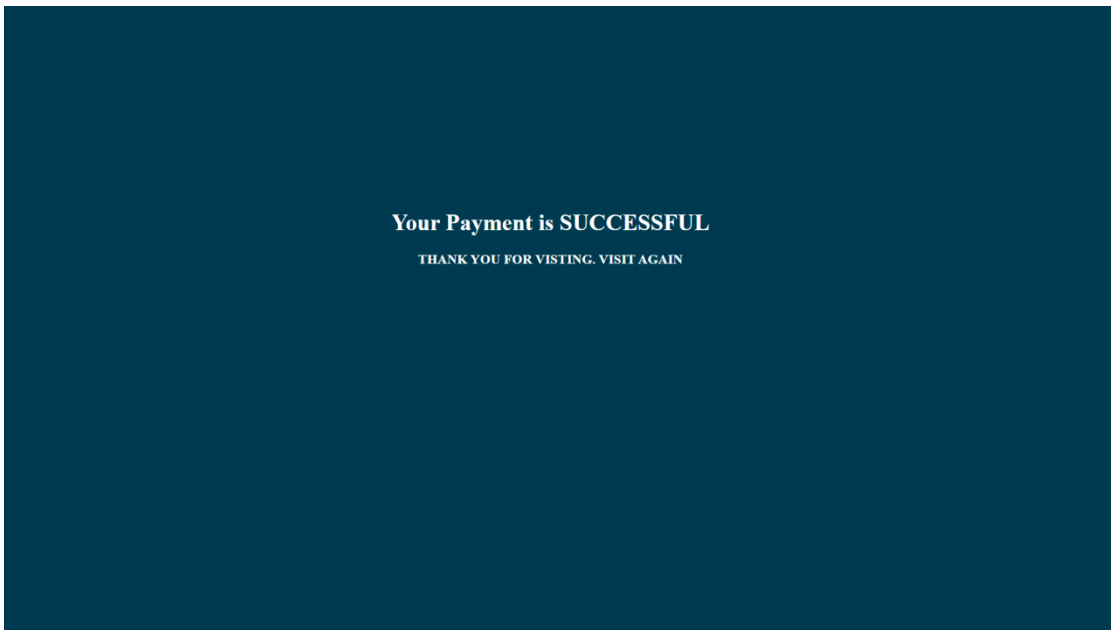
Payment page:

When customer ordered a dish it will redirect to the payment web page and here customer can fill the required details to deliver the delicious food. And here is the snapshot of payment page . A payment card is a payment card issued to users as a system of payment. It allows the cardholder to pay for goods and services based on the holder’s promise to pay for them.



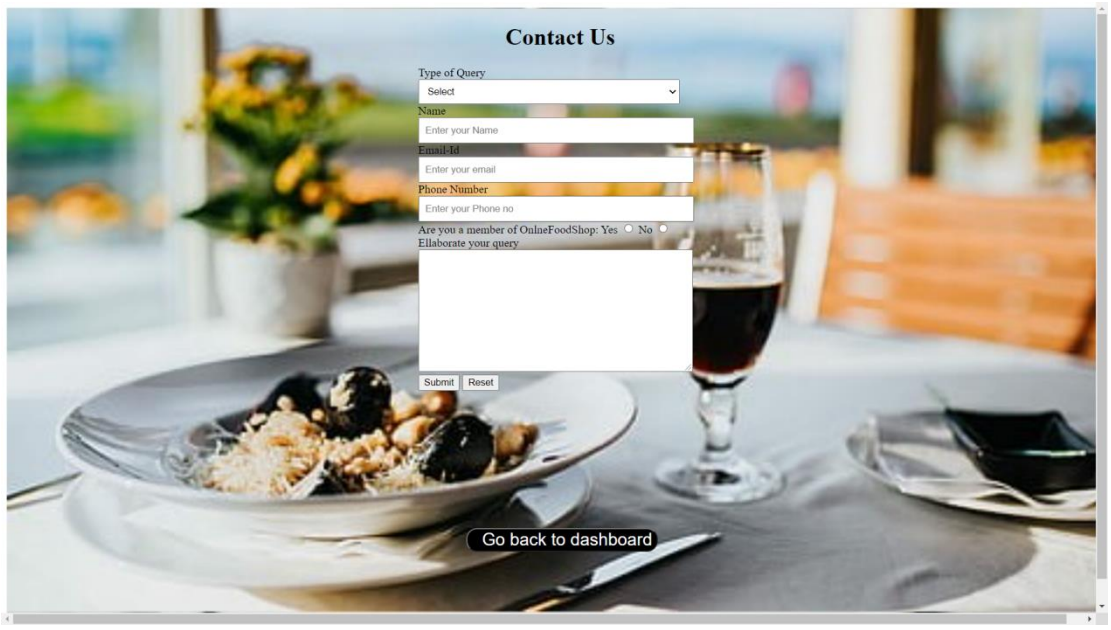
Payment receipt:

When the customer fill up the required details in payment section and make a payment through his own choice. He can get an payment successful notification. Here comes the snapshot of payment notification page



Contact us:

When the customer have any issue regarding our site. He can contact us by specifying the query Here is the snapshot of contact us page .



CONCLUSION:

An online food ordering system is developed where the customers can make an order for the food and avoid the hassles of waiting for the order to be taken by the waiter.

Using the application, the end users register online, read the E-menu card and select the food from the e-menu card to order food online.

This also helps the restaurant owners develop healthy customer relationships by providing reasonably good services.

Finally, in Online Food Ordering system, we have developed secure, user-friendly food ordering Management System. This System can take care of each member whether it is an Administrator or Customer. This System will help them to properly manage the meals of the customers, the delivery boy’s data and help in growth without creating any hassle. This System is completely secure since every user is provided with user ID and Password so there is no chance of any unauthorized access.Online Payment, Registration and cancellation make it easier to use. So, using this system will help in reducing the labor and provide more facility for Customer to like the services.

Learning Outcomes:

Front-end web development is the development of the graphical user interface of a website, through the use of HTML, CSS and JavaScript, so that users can view and interact with that website. The challenge associated with front end of a website change constantly and so the developer needs to constantly be aware of how the field is developing.

What I have learnt from the course precisely:

- *Learnt how to plan out a website*
- *Learnt the basics of optimising the website.*
- *How to create a layout for webpages and the entire site*
- *How to add advanced features and elements to the web pages, including colours, text, images and more.*
- *Improved my problem-solving skills to become a stronger developer*

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