

OLIVE GARDEN

A Course Work Project Report submitted in partial fulfillment of the requirement
for the award of the degree of

Bachelor of Technology

in

Computer Science & Engineering

By

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Submitted to



**DEPARTMENT OF COMPUTER SCIENCE & AI S.R.UNIVERSITY,
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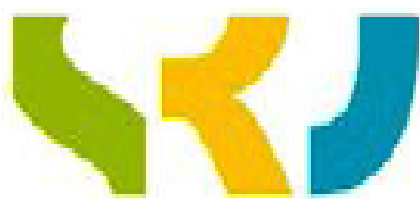
DECLARATION

*We declare that the course project work entitled “**Olive Garden**” recorded in this course project work does not form part of any other project work. We further declare that the course project work report is based on our work carried-out at “**SR University, Ananthasagar Mandal, Hanmakonda District – 506 371**” in the second year of our B.Tech course.*

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CERTIFICATE

*This is to certify that the course project report entitled **Olive Garden** that is being submitted by **M.Pramoditha, M.Thanu Sri, T.Sai Pallavi, M.Shashvitha ,P.Siri** in partial fulfillment for the award of **B.Tech in Computer Science & Engineering** to the SR University, Ananthasagar, Hanmakonda-506371 is a record of bonafide work carried out by them under my guidance and supervision.*

Supervisor

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INTRODUCTION

Our project aims at building a website that is designed for the restaurant which is user friendly and aesthetically pleasing. It is harder to know the food items available in a restaurant and it's customer reviews. And it is almost impossible to contact a restaurant other than through calling. Our main motive is to create a website which solves all the above mentioned problems.

Our website mainly consists of six web pages. In this website we displayed the menu items about the restaurant and its reviews. Through our website we can book a table and book a event in the restaurant. For any further information and queries customers can contact with the restaurant through our website.

It provides customer with a completely new way to book a table or event. By providing customer convenience and also increase the restaurant revenue. No time is wasted with manually needing to book tables in restaurant.

1.1 EXISTING SYSTEM

If we want to book a table in any particular restaurant we have call the restaurant which is time taking. The process is same for booking any event in the restaurant.

If we want to know the menu items of a restaurant we have to visit the restaurant or we need to contact the restaurant, this will waste the customer's time.

1.2 PROPOSED SYSTEM

- We have designed in a way that all the users can access at and all age group can access it.
- We added services like booking a table ,event ,contacting the restaurant through website.
- We have differentiated the menu items according to their category.
- We also added the description of the restaurant in one of the page.
- We provided a navigation bar on each page to easily navigate between the pages.
- Reviews of the restaurant are provided too.

SYSTEM REQUIREMENTS SPECIFICATIONS

1.3 HARDWARE REQUIREMENTS

System	:	Intel core i5,10 th Generation,3GHZ
Hard Disk	:	512GB
Ram	:	16GB
Devices	:	Laptop

1.4 SOFTWARE REQUIREMENTS

Operating system	:	windows 11 Home Edition
Programming Languages	:	Html, Css

WINDOWS 11:

Windows 11 is the latest major release of [Microsoft's Windows NT operating system](#), released in October 2021. It is a free upgrade to its predecessor, [Windows 10](#) (2015), available for any Windows 10 devices that meet the new Windows 11 system requirements.

Windows 11 features major changes to the Windows [shell](#) influenced by the cancelled [Windows 10X](#), including a redesigned [Start menu](#), the replacement of its "live tiles" with a separate "Widgets" panel on the [taskbar](#), the ability to create tiled sets of windows that can be minimized and restored from the [taskbar](#) as a group, and new gaming technologies inherited from [Xbox Series X and Series S](#) such as [Auto HDR](#) and [Direct ,Storage](#) on compatible hardware. [Internet Explorer](#) (IE) has been replaced by the [Chromium](#)-based [Microsoft Edge](#) as the default web browser like its predecessor, [Windows 10](#), and [Microsoft Teams](#) is integrated into the Windows shell. Microsoft also announced plans to allow more flexibility in software that can be distributed via [Microsoft Store](#), and to support [Android apps](#) on Windows 11 (including a partnership with [Amazon](#) to make its [app store](#) available for the function).

Citing security considerations, the system requirements for Windows 11 were increased over Windows 10. Microsoft only officially supports the operating system on devices using an [eighth-generation Intel Core](#) CPU or newer (with some minor exceptions), [AMD Ryzen](#) CPU based

on [Zen+](#) microarchitecture or newer, or a [Qualcomm Snapdragon 850 ARM system-on-chip](#) or newer, with [UEFI secure boot](#) and [Trusted Platform Module](#) (TPM) 2.0 supported and enabled (although Microsoft may provide exceptions to the TPM 2.0 requirement for OEMs). availability of [updates](#). Windows 11 removed support for [32-bit x86](#) CPUs and devices which use [BIOS](#) firmware.

Windows has always existed to be a stage for the world's innovation. It's been the backbone of global businesses and where scrappy startups became household names. The web was born and grew up on Windows. It's the place where many of us wrote our first email, played our first PC game and wrote our first line of code. Windows is the place people go to create, to connect, to learn and to achieve — a platform over a billion people today rely on.

HTML

The **Hyper Text Markup Language** or 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 `` 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.

A webpage can contain headings, paragraphs, images, videos, and many other types of data. [Front-end developers](#) use the HTML element to specify what kind of information each item on a webpage contains — for instance, the “p” HTML element indicates a paragraph. [Developers](#) also write HTML language code to specify how different items relate to one another in the page's overall structure or document structure.

Every website you open in your web browser, from social networks to music services, uses HTML. A look under the hood of any website would reveal a basic HTML code page, written with an HTML structure editor, providing structure for all the page's components, including its header element, footer element, main content, and other inline elements.

The HTML file plays a couple of significant roles in a webpage. First, we use the structure created by our HTML code to reference, enhance, and manipulate elements on a web page using CSS and JavaScript. For instance, you could use HTML to mark all of the headings on a web browser page, then pick the size and color you want to apply to those headings to reflect your organization's branding, or simply a visual design developed for the site. Second, HTML text lets us indicate the roles of different structural elements to search engines and other services that index the content and summarize it for other users.

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of content and presentation, including layout, colors, 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, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

CSS makes the front-end of a website shine and it creates a great user experience. Without CSS, websites would be less pleasing to the eye and likely much harder to navigate. In addition to layout and format, CSS is responsible for font color and more.

The standout advantage of CSS is the added design flexibility and interactivity it brings to web development. Developers have greater control over the layout allowing them to make precise section-wise changes.

As customization through CSS is much easier than plain HTML, web developers are able to create different looks for each page. Complex websites with uniquely presented pages are feasible thanks to CSS.

Improved website loading is an underrated yet important benefit of CSS. Browsers download the CSS rules once and cache them for loading all the pages of a website. It makes browsing the website faster and enhances the overall user experience.

This feature comes in handy in making websites work smoothly at lower internet speeds. Accessibility on low end devices also improves with better loading speed

LITERATURE SURVEY

We have come across about a page called yelp in this website we have found that there are several options to helps customers to book their table to take their food safely and maintain hygiene. There will be a home page. After filling necessary details to book their table a confirmation message will be generated.

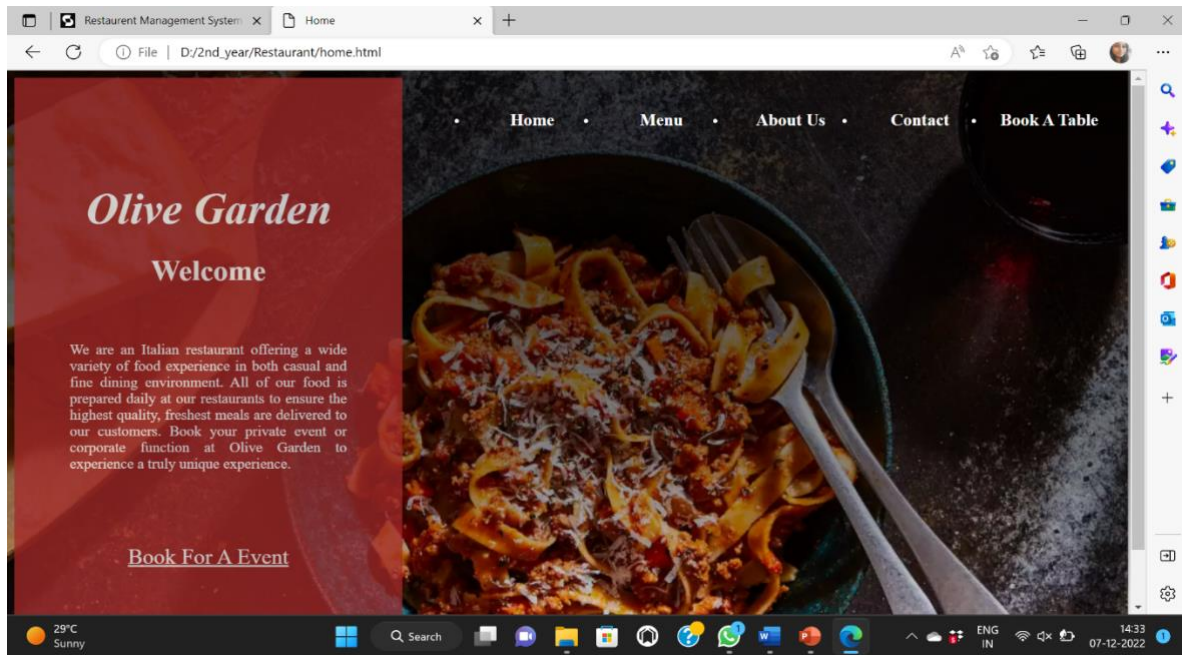
At first, the home page will open and you have to fill in the necessary details. After that, a confirmation message will be generated. This facility helps customer to book their table for that certain date only. The date will be taken from the device. The user should provide the Name, Number of Customers, Visiting Time.

We have took the reference from the webpage and our page easily understandable to the user we put all the pages into a main pages so that all the sub pages are visible to the user in the form of drop down menu. Our web page consist of menu, reviews, history, book a table and book a event. We added book a event in home page by entering the details user get a confirmation code so that they can be registered successfully.

TEST CASES

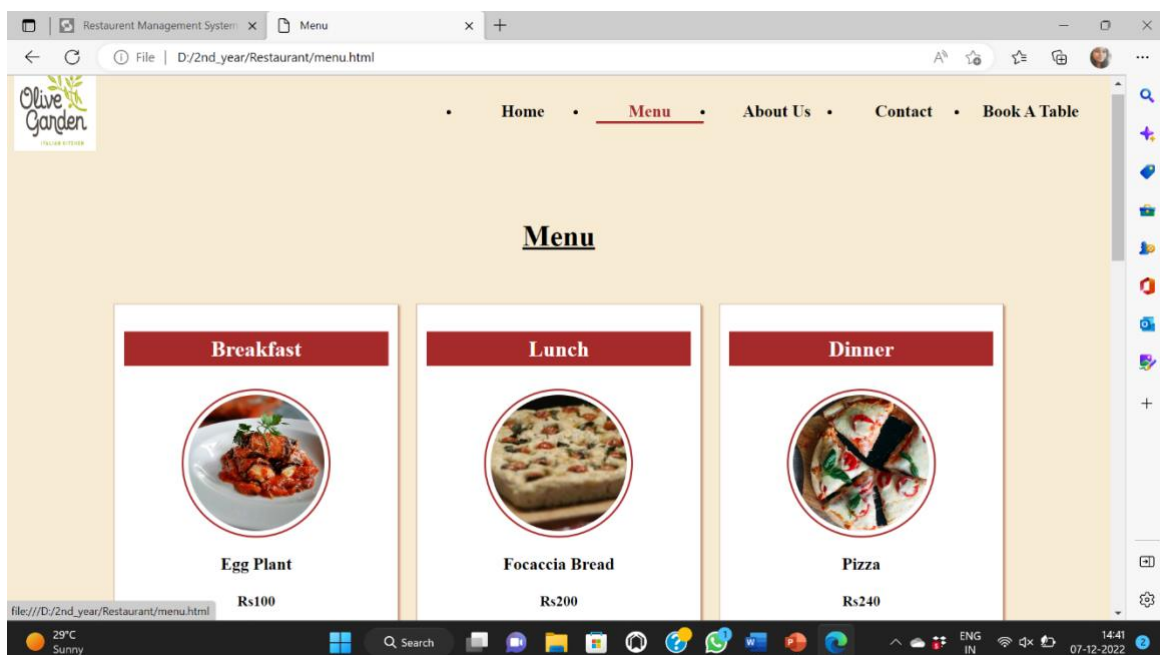
Test case 1:

This is the main page of the restaurant. It consists of main description of the restaurant , all other web pages can be accessed through this main page.



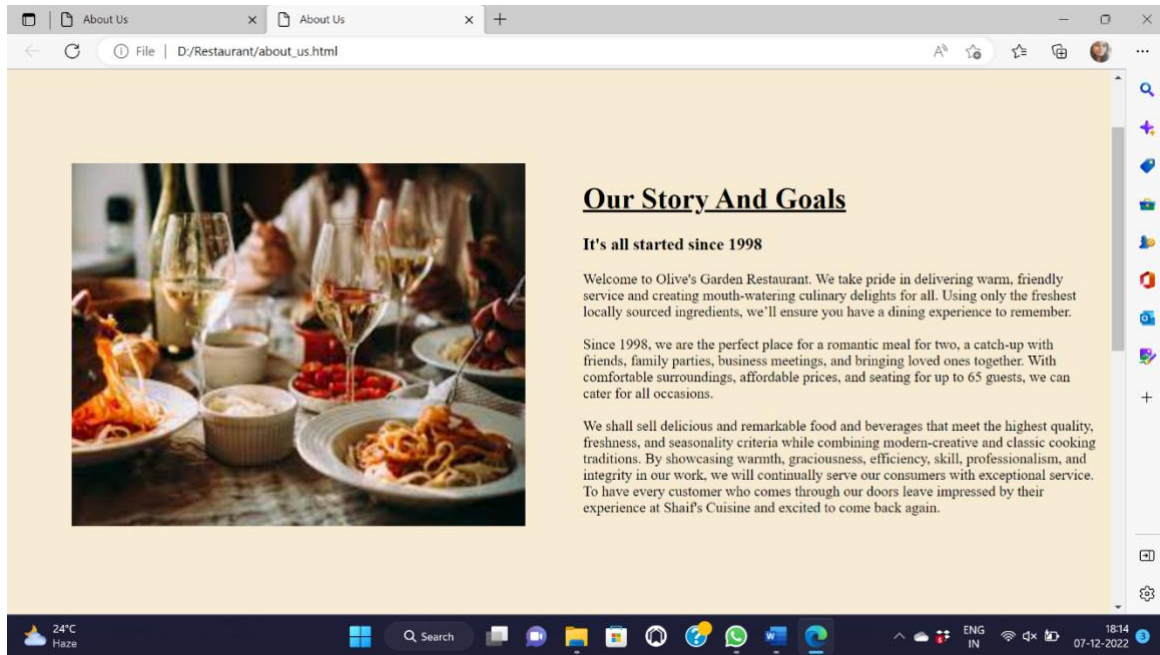
Test case 2:

This is the menu page of the restaurant. Menu items are provided along with their images and prices.

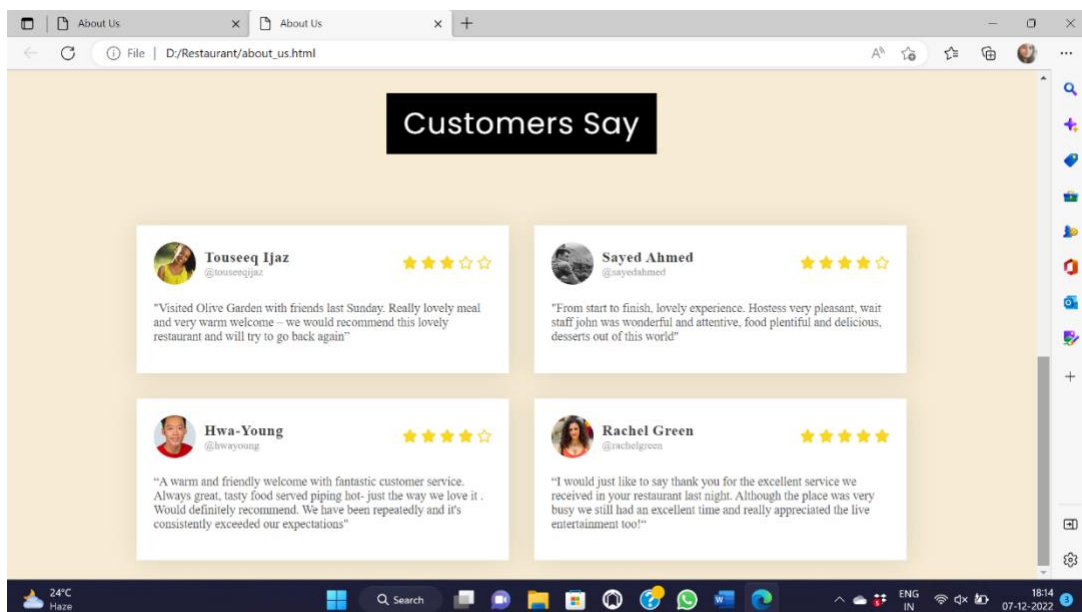


Test case 3:

This is the about us page of the restaurant consists of the history of the restaurant and its goals along with a picture of the restaurant.

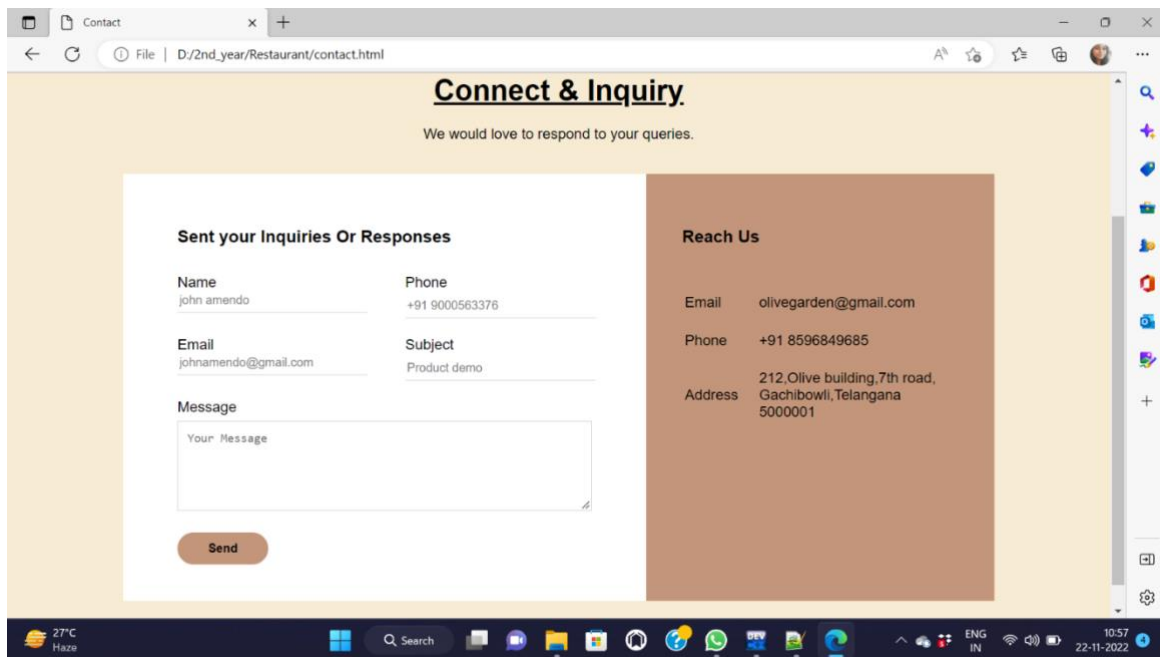


This part of the page consists of the reviews given by various customers who visited the restaurant.



Test case 4:

In this webpage user can share their opinion and queries regarding the restaurant.



The screenshot shows a web browser window with the address bar displaying 'D:/2nd_year/Restaurant/contact.html'. The page title is 'Connect & Inquiry' with the subtitle 'We would love to respond to your queries.' The main content area is divided into two sections: 'Sent your Inquiries Or Responses' and 'Reach Us'.

Sent your Inquiries Or Responses

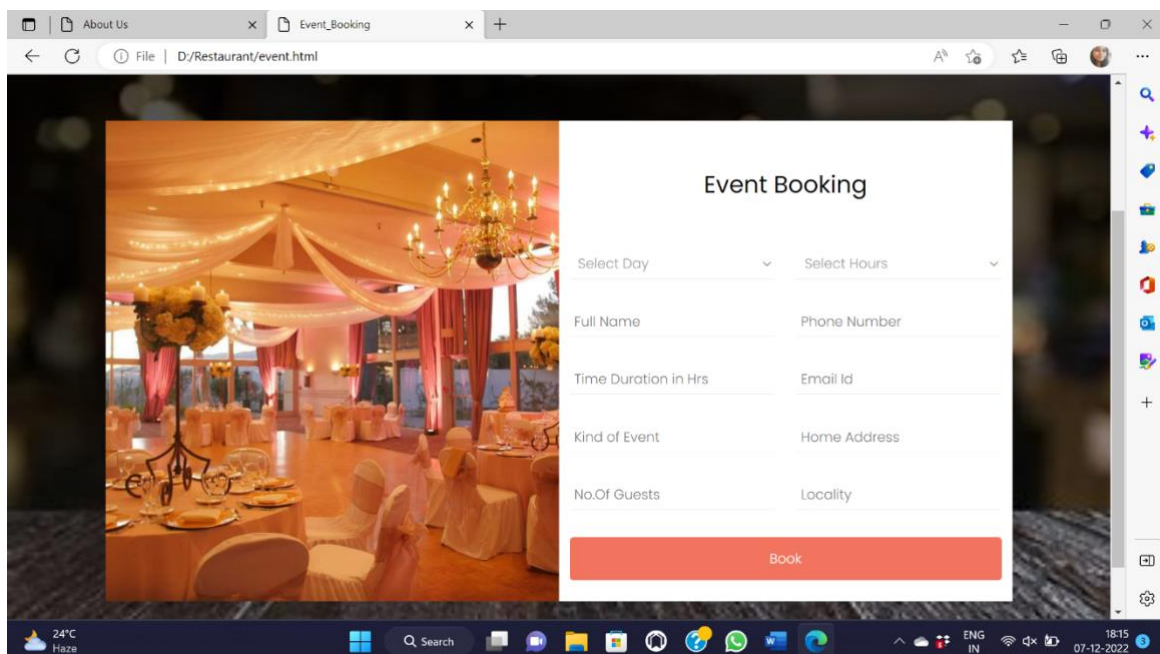
Name john amendo	Phone +91 9000563376
Email johnamendo@gmail.com	Subject Product demo
Message Your Message	
<input type="button" value="Send"/>	

Reach Us

Email	olivegarden@gmail.com
Phone	+91 8596849685
Address	212, Olive building, 7th road, Gachibowli, Telangana 5000001

Test case 5:

In this webpage user can book any kind of event in the restaurant on their desired day and time with desired number of guests.



The screenshot shows a web browser window with the address bar displaying 'D:/Restaurant/event.html'. The page title is 'Event Booking'. The background features a large image of a restaurant interior with round tables and chandeliers.

Event Booking

Select Day	Select Hours
Full Name	Phone Number
Time Duration in Hrs	Email Id
Kind of Event	Home Address
No.Of Guests	Locality
<input type="button" value="Book"/>	

CONCLUSION

An online restaurant system is developed where the customers can book a table in the restaurant and avoid the hassles at the restaurant. Our website is very simple to use and it provides the basic information of the restaurant. It can act as a medium between the restaurant and the customers to interact. This website improves the customers overall experience of the restaurant.

FUTURE SCOPE

In future we can add the features like users can wish list the food items which they are going to place the order at the restaurant so that restaurant management can make arrangements appropriately and deliver.

REFERENCES

- <https://youtu.be/tmLHtoXxU98>
- <https://youtu.be/orBQesFBkXg>
- <https://youtu.be/Bs2jdg0oRLM>
- <https://youtu.be/iM27kA5M3vo>

