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*Transforming Education Transforming India*

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT – INTERNET PROGRAMMING

SUBJECT CODE – CSE326

INSTRUCTOR – SANDEEP KAUR

PROJECT BY:

ROLL NUMBER	NAME	SECTION
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42	Divya Sharma	K22AD
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TOPIC – RESTAURANT / HOTEL MGMT

SUBMITTED TO – SANDEEP KAUR

DATE OF SUBMISSION – 2/12/2022

# 1. Introduction

"Online Restaurant Website" is considered an increasingly used application in restaurant management. Just a few years ago, people used to spend a long time waiting for a table to be ready for them at a restaurant. And after that, they would wait a longer time to order their food. There was no surprise that the food took too long to be prepared. In short, the whole enjoyment of eating did eventually result in boredom and tiredness for customers. On another side, this is the restaurant management and staff who used to stand much pressure to handle a lot of customers at the same time. With great technology in general and the internet in specific, customers can be happy by using online food ordering and reservation. This facilitates the work of restaurant managers and staff. The system will make the entire process for the restaurant manager much easier and faster compared with traditional methods. On the other hand, these days' customers can place their orders and make their reservations as quickly and enjoyably as a click on their computers or smart devices.

## 2. Technology Used

### 2.1. Visual Studio Code

**Visual Studio Code** (famously known as **VS Code**) is a free open-source text editor by Microsoft. VS Code is available for Windows, Linux, and macOS. Although the editor is relatively lightweight, it includes some powerful features that have made VS Code one of the most popular development environment tools in recent times.

### 2.2. HTML

Hypertext Markup Language is a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.

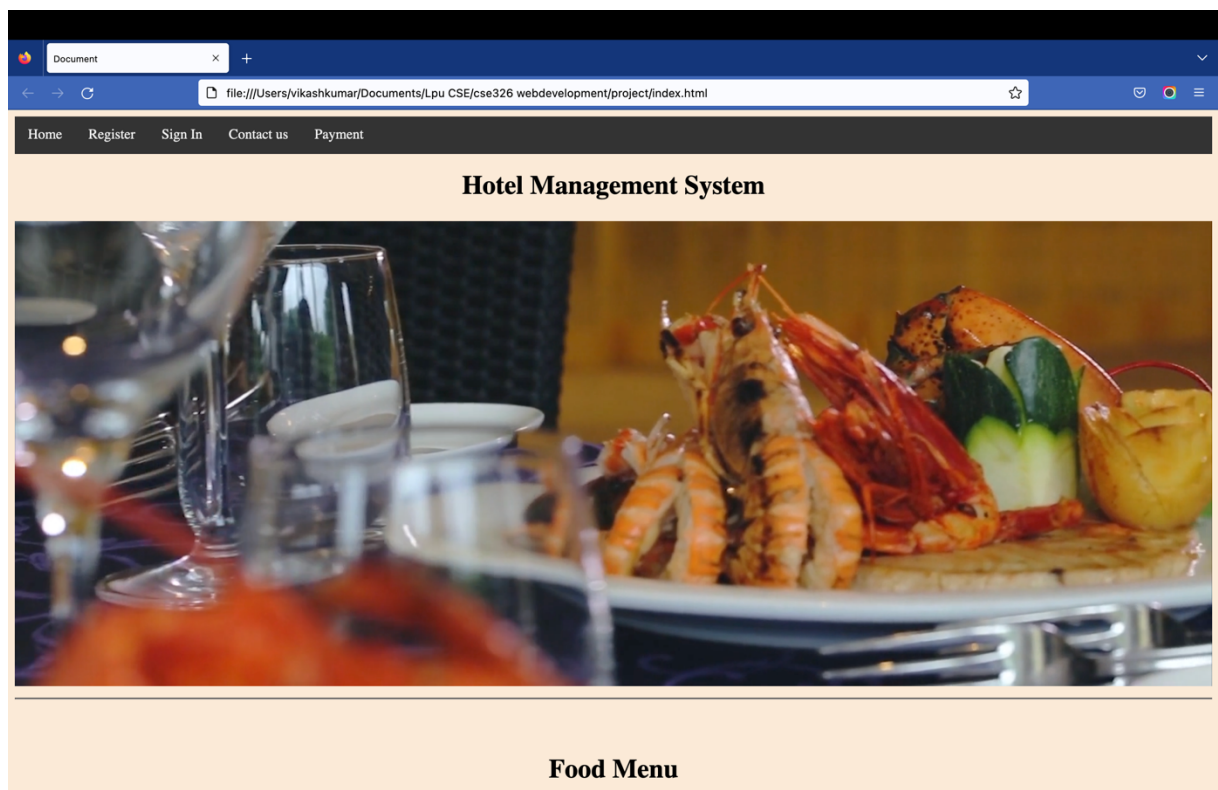
## 2.3. CSS

**Cascading Style Sheets** fondly referred to as **CSS**, is a simple design language intended to simplify the process of making web pages presentable.

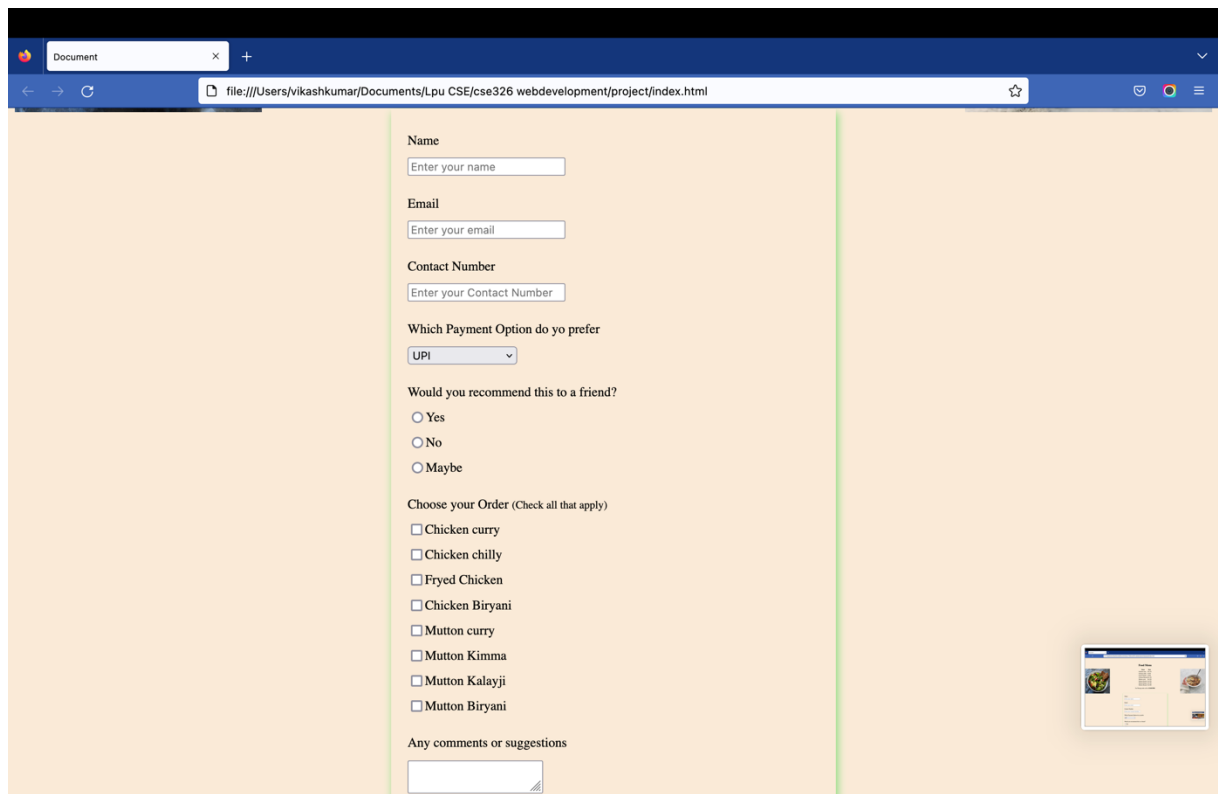
CSS handles the look and feel part of a web page. Using CSS, you can control the colour of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, what background images or colours are used, layout designs, variations in display for different devices and screen sizes as well as a variety of other effects.

## 3. Features of Project

1. There is a video playing on the home screen about the food quality and menu of the restaurant.



2. There is a food menu with food images on the home page below the video where users can choose what they want to order and then they can proceed to the payment page.



The screenshot shows a web browser window with a single tab titled 'Document'. The address bar displays the file path: `file:///Users/vikashkumar/Documents/Lpu CSE/cse326 webdevelopment/project/index.html`. The webpage has a light orange background and a vertical green line on the left side. The form contains the following fields and options:

- Name:** A text input field with the placeholder text 'Enter your name'.
- Email:** A text input field with the placeholder text 'Enter your email'.
- Contact Number:** A text input field with the placeholder text 'Enter your Contact Number'.
- Which Payment Option do yo prefer:** A dropdown menu with 'UPI' selected.
- Would you recommend this to a friend?:** Three radio button options: 'Yes', 'No', and 'Maybe'.
- Choose your Order (Check all that apply):** A list of checkboxes for different food items:
  - ☐ Chicken curry
  - ☐ Chicken chilly
  - ☐ Fried Chicken
  - ☐ Chicken Biryani
  - ☐ Mutton curry
  - ☐ Mutton Kimma
  - ☐ Mutton Kalayji
  - ☐ Mutton Biryani
- Any comments or suggestions:** A text area with a small icon in the bottom right corner.

A small thumbnail image of the website is visible in the bottom right corner of the browser window.

3. There is a payment page also where the user can provide his/her Name, Card details and Billing address to process the payment.

Check Out

file:///Users/vikashkumar/Documents/Lpu CSE/cse326 webdevelopment/project/checkout.html

Home Register Sign In Contact us Payment

**Billing Address**

Full Name

Vikash kumar

Email

vikash@example.com

Address

LPU, Phagwara

City

Jalandhar

State

Punjab

Zip

324005

**Payment**

**Enter your Card Details**

Name on Card

Credit card number

Check Out

file:///Users/vikashkumar/Documents/Lpu CSE/cse326 webdevelopment/project/checkout.html

Home Register Sign In Contact us Payment

**Payment**

**Enter your Card Details**

Name on Card

Credit card number

1111-2222-3333-4444

Exp Month

September

Exp Year

2018

CVV

352


☒ Shipping address same as billing

Continue to checkout

4. Users can sign in to their account through sign-in page by providing their login details.

Document

file:///Users/vikashkumar/Documents/Lpu CSE/cse326 webdevelopment/project/signin.html



**Username**

Enter Username

**Password**

Enter Password

Login

☒ Remember me

Cancel

Forgot [password?](#)

5. Unregistered users can register themselves via the signup page.

Register

Home Register Sign In Contact us Payment

**Register**

Please fill in this form to create an account.

**Email**

Enter Email

**Password**

Enter Password

**Repeat Password**

Repeat Password

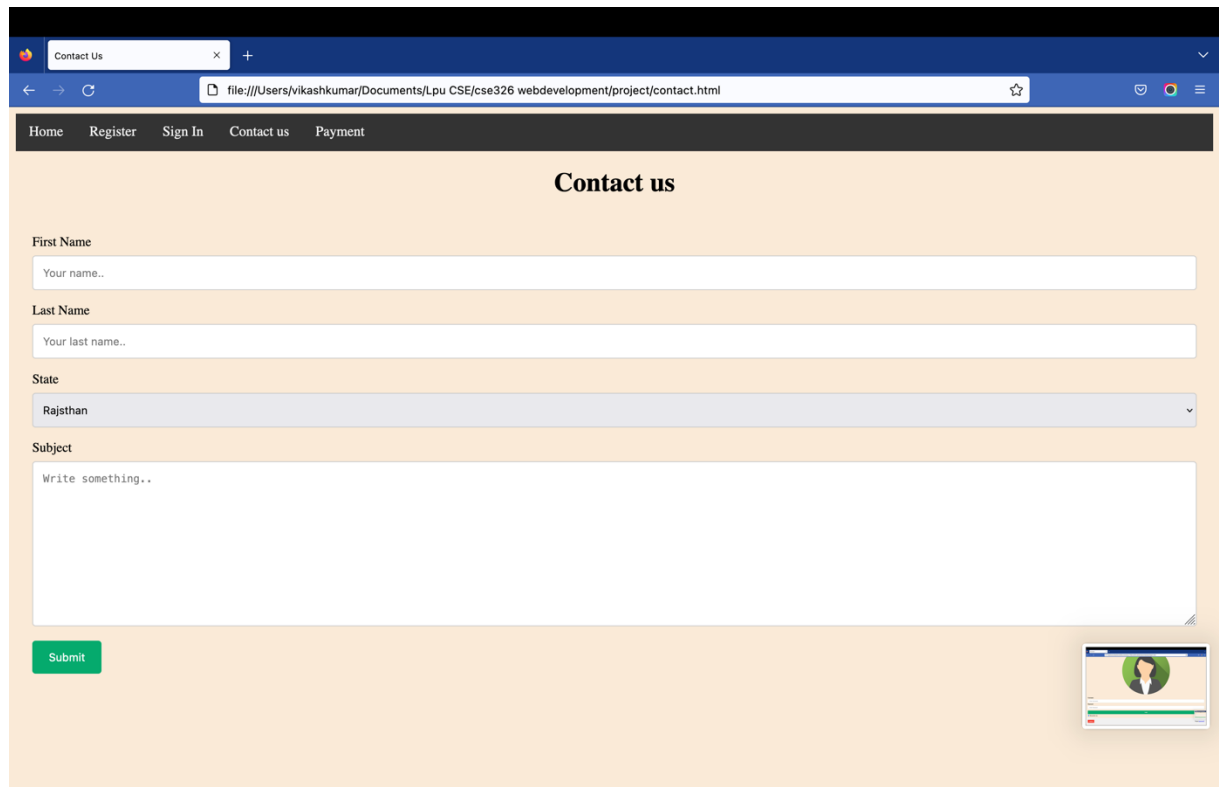
By creating an account you agree to our [Terms & Privacy](#).

Register

Already have an account? [Sign in](#)

## Contact Us

If any user has any concern that they want a resolution for they can contact the team by writing us via our contact us page located on nav bar.



The screenshot displays a web browser window with a single tab titled 'Contact Us'. The address bar shows the file path: `file:///Users/vikashkumar/Documents/Lpu CSE/cse326 webdevelopment/project/contact.html`. The browser's navigation bar includes links for Home, Register, Sign In, Contact us, and Payment. The main content area, titled 'Contact us', contains a form with the following fields:

- First Name:** A text input field with the placeholder text 'Your name..'
- Last Name:** A text input field with the placeholder text 'Your last name..'
- State:** A dropdown menu currently showing 'Rajasthan'.
- Subject:** A large text area with the placeholder text 'Write something..'

A green 'Submit' button is located at the bottom left of the form. In the bottom right corner of the page, there is a small thumbnail of a video player showing a person's profile.

## 4. How the project was done.

4.1. Index and register pages were created by Vikash Kumar, Roll no-41.

Index.html is the 1<sup>st</sup> file read by the browser. As mentioned above in the features of the project, the index page consists of a video playing on the homepage and there is a menu just below from where users can select what they want to order and then proceed further to the payment page.

Any Unresisted User can register themselves via Register Page located on the navigation bar.

#### 4.2. Sign In and Contact Us pages were created by Fouziya Siddiqui, Roll no-43

Users can log in to their account via the sign-in page also located on the navigation bar.

If anyone has some issues or wants to share something they can reach us by contacting us via the contact page where they can write to us by providing their email in case to contact them.

#### 4.3. The payment page is created by Diva Sharma roll no-42

While ordering something users need to pay for the item ordered which is done by the payment gateway where we need their card. In order to get that information users can enter then details like their name, email, billing address and their card details on the payment page.

## 5. Reference

1. <https://www.w3schools.com>
2. <https://developer.mozilla.org/en-US/>