

# **Restaurant Management System**

**By**

**Gopaldinne Sanjeev Reddy**



# Table of Content

1. Requirements.....	1
2. Design.....	2
2.1 Use Case Diagram.....	2
2.2 High Level Requirements.....	2
2.3 Low Level Requirements.....	4
3. Implementation.....	5
4. Test Plan.....	6
5. Results and Output.....	7
6. References.....	20

## **1. Requirements**

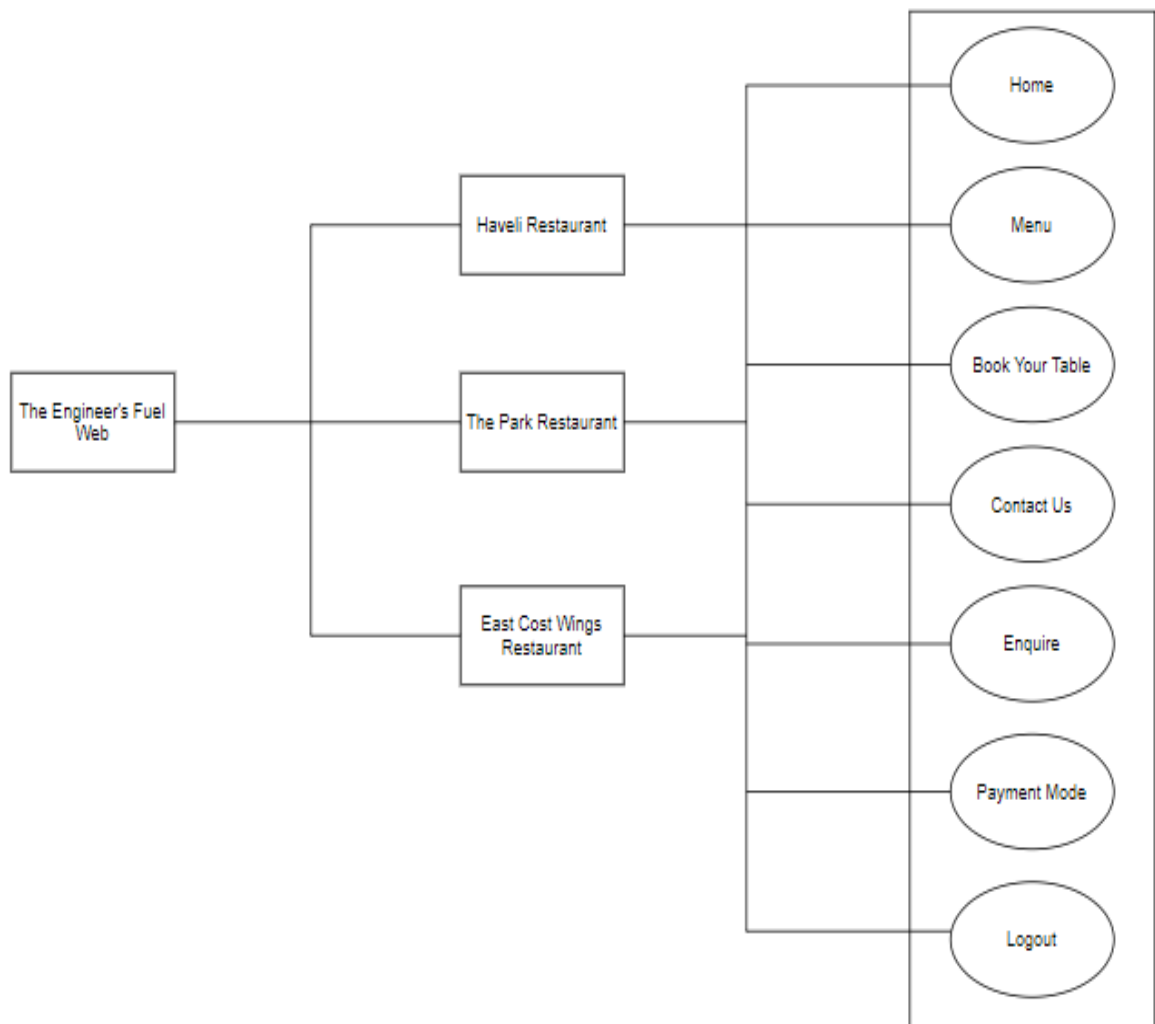
- The Restaurant Management System contains different of restaurants they have and they also offering to book a table for hour, and they also provide the online payment to book an order.
- There's a range of benefits to having this technology in place at your hotel, mostly based around simplifying your life as a manager or staff member and speeding up several processes. They include:
- No need for the front desk staff to process reservations – when guests can input their own reservation details through the systems everything happens automatically, and your staff don't need to worry.
- With guests inputting their own details there's less chance of the wrong data being entered. If something does go wrong, you'll have a record to prove it wasn't your fault. A large amount of guest data can be captured by these systems, allowing you to improve both marketing and guest service
- Better management and tracking of rewarding guests for their loyalty.

## **Features**

- In this Website user can be able to see the locations of the Restaurant.
- User Can also enter the portal for his/her choice based on location.
- They can be able to see the menu.
- They can Book a table.
- Online Payment is available.
- Customer Support is available for 24/7.

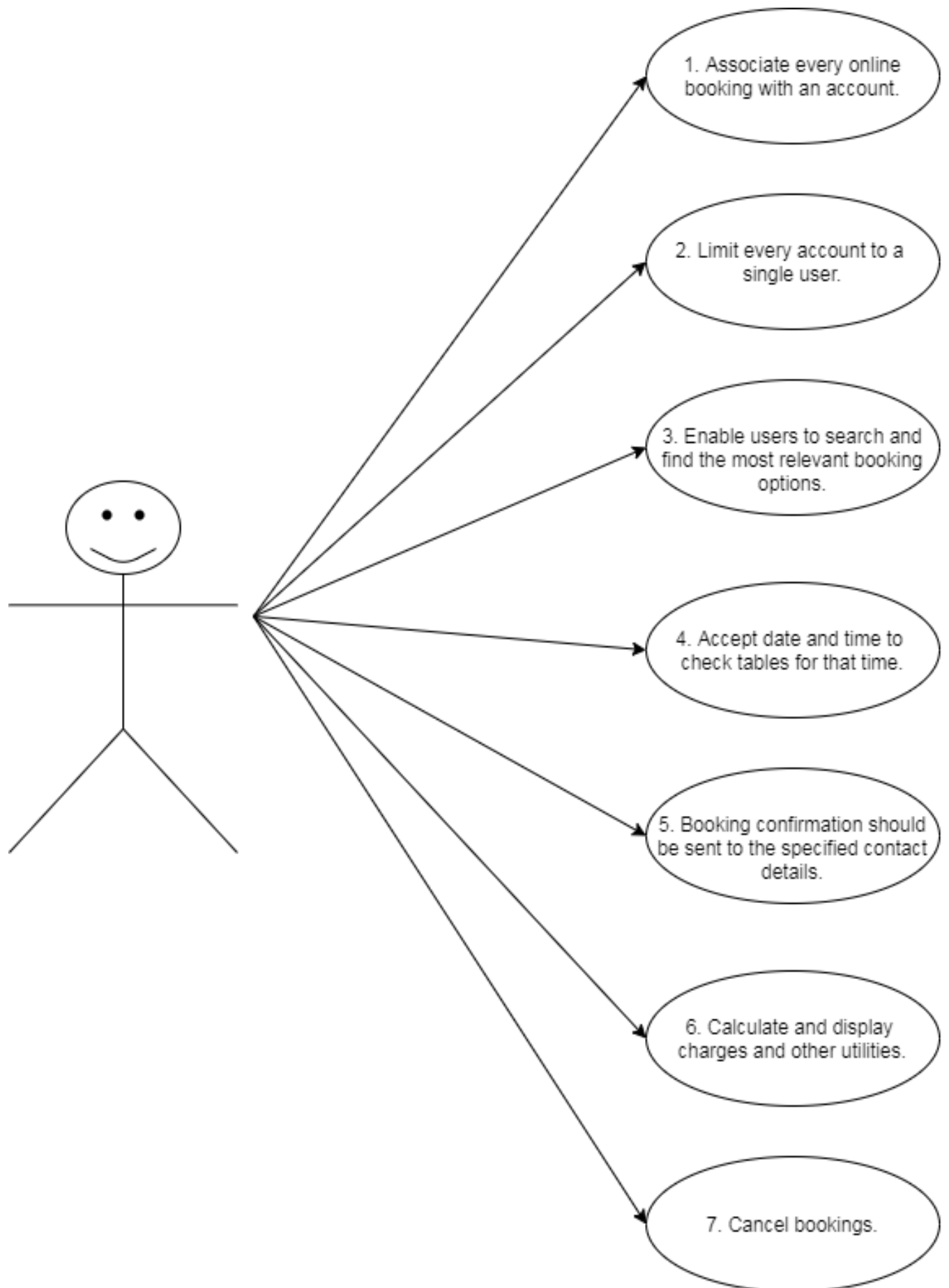
## 2. Design

### 2.1 Use Case Diagram



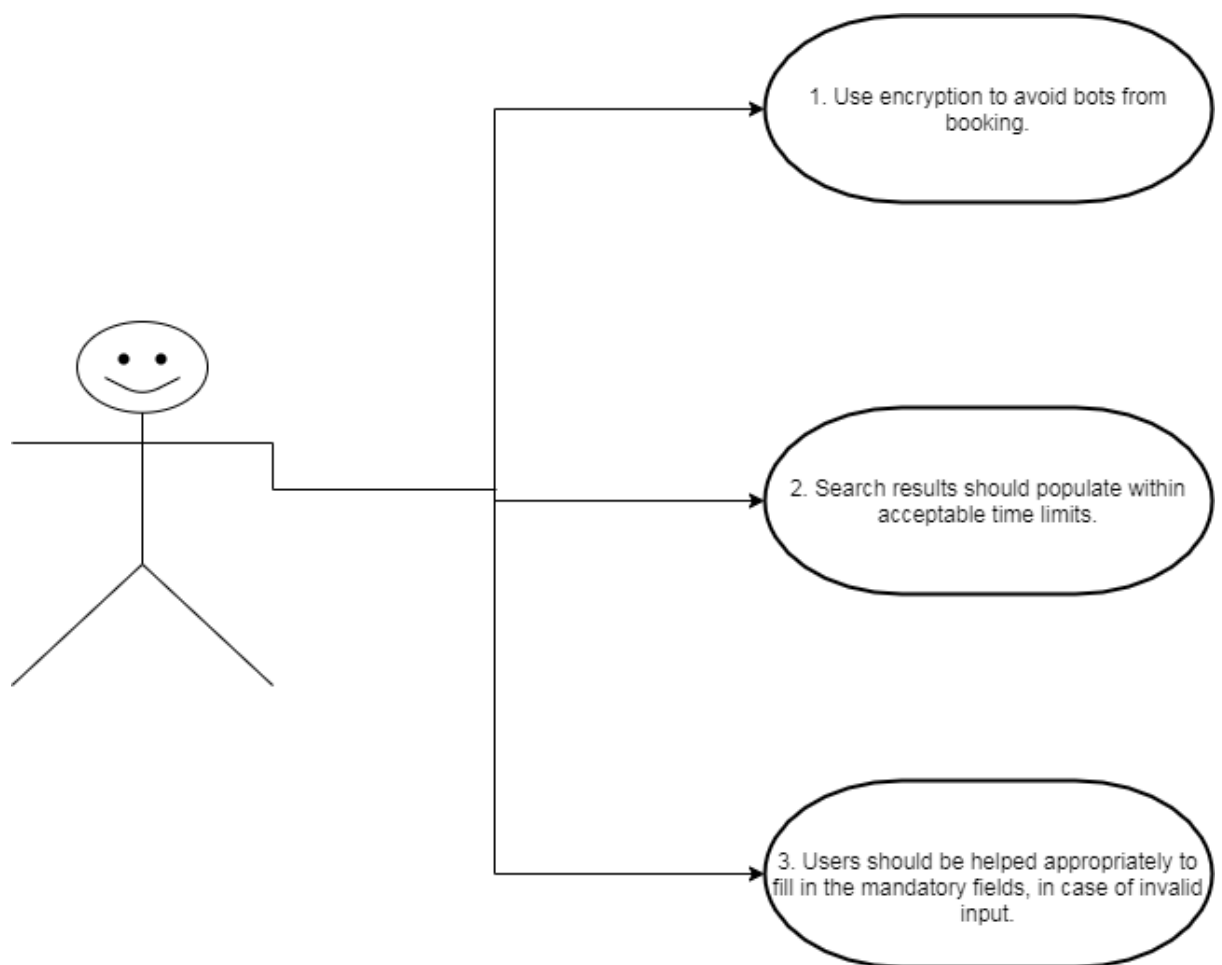
### 2.2 High Level Requirements

- 1) Associate every online booking with an account
- 2) Limit every account to a single user
- 3) Enable users to search and find the most relevant booking options
- 4) Accept date and time to check tables for that time
- 5) Booking confirmation should be sent to the specified contact details
- 6) Calculate and display charges and other utilities
- 7) Cancel bookings



## 2.3 Low Level Requirements

- 1) Use encryption to avoid bots from booking
- 2) Search results should populate within acceptable time limits
- 3) Users should be helped appropriately to fill in the mandatory fields, in case of invalid input



### **3. Implementation**

#### **3.1 Implementation of the project:**

For implementing the project, we followed the traditional software development life cycle model (SDLC).

- The first phase of the project is Requirements gathering in this phase we gathered the requirements of the client and analysed the feasibility.
- The second phase of the project is Design in this phase we designed the system which we must implement. Before we move to third phase, we must present the system to the client after the approval of the project we will move the third phase.
- In the third phase we implemented the system by coding using the languages of HTML, and CSS.
- In the fourth phase of the project we done testing and presented the system to the client. After getting approval we will hand over to the client.
- In the fifth phase of the project we must maintain the software for certain period it can be technical support it might be 6 months to 1 year.

## 4. Test Plan

### 1.Unit Testing:

First, unit testing will be the first testing method that used to test the developed system. It consists of testing activities that test the system module by module which has not been integrated. By doing unit testing, developer can identify error and bug easily since it is finding the error and bug through a unit part of the system rather than finding error through the complete system. In addition, developer will test the unit part of the system with the validation and the correctness of data value. Valid and invalid input will be entering to test and ensure the system processes perform with an expected result.

### 2.Integration Testing:

- **Integration testing:** Testing performed to expose defects in the interfaces and in the interactions between integrated components or systems. See also component integration testing, system integration testing.
- **Component integration testing:** Testing performed to expose defects in the interfaces and interaction between integrated components.
- **System integration testing:** Testing the integration of systems and packages; testing interfaces to external organizations (e.g., Electronic Data Interchange, Internet).

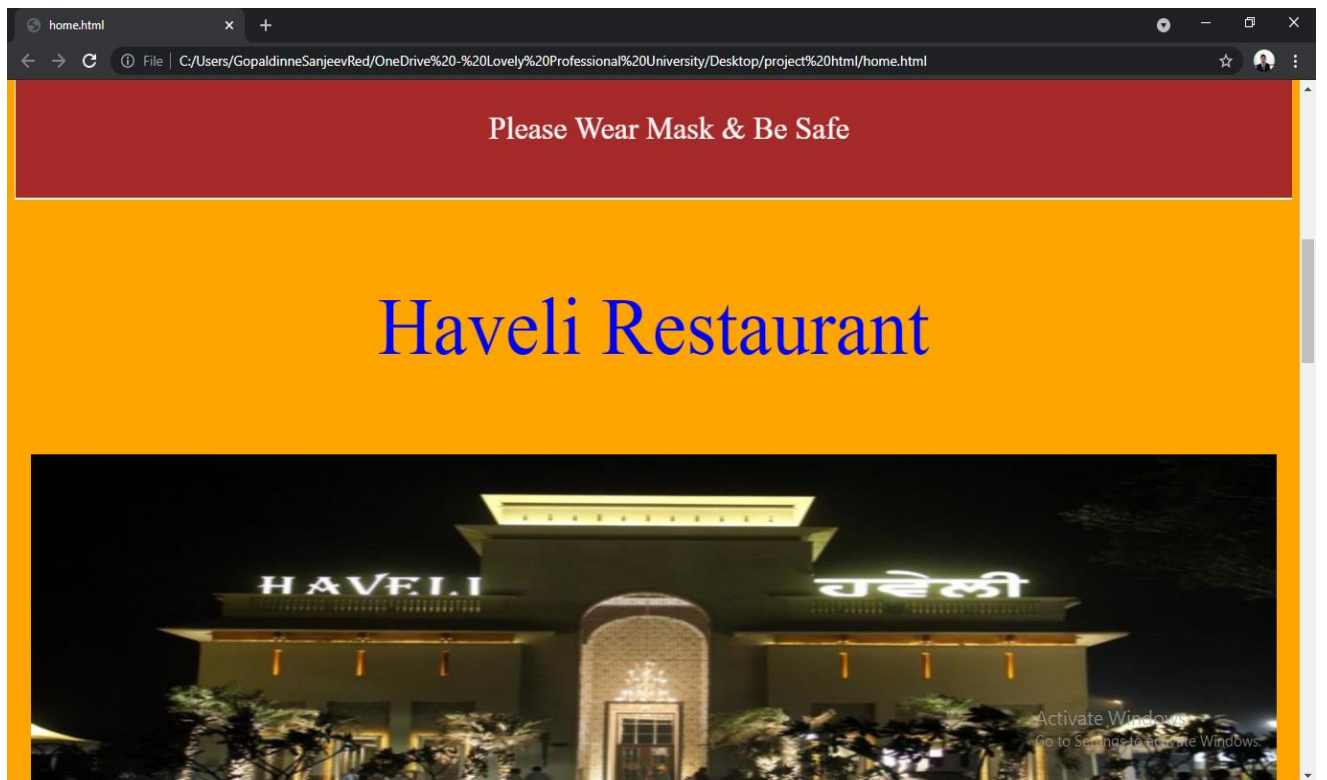


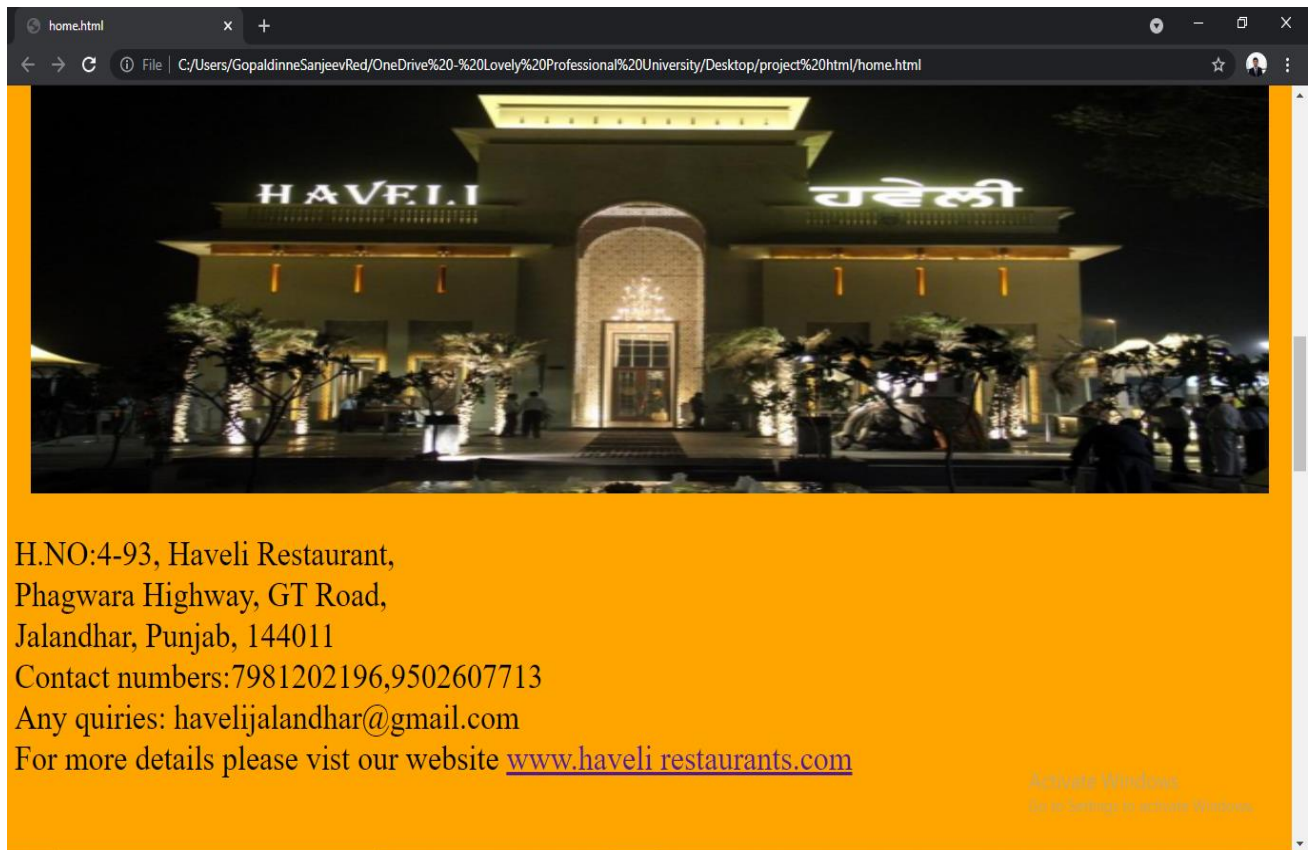
## 5. Results and Output

### Home Page

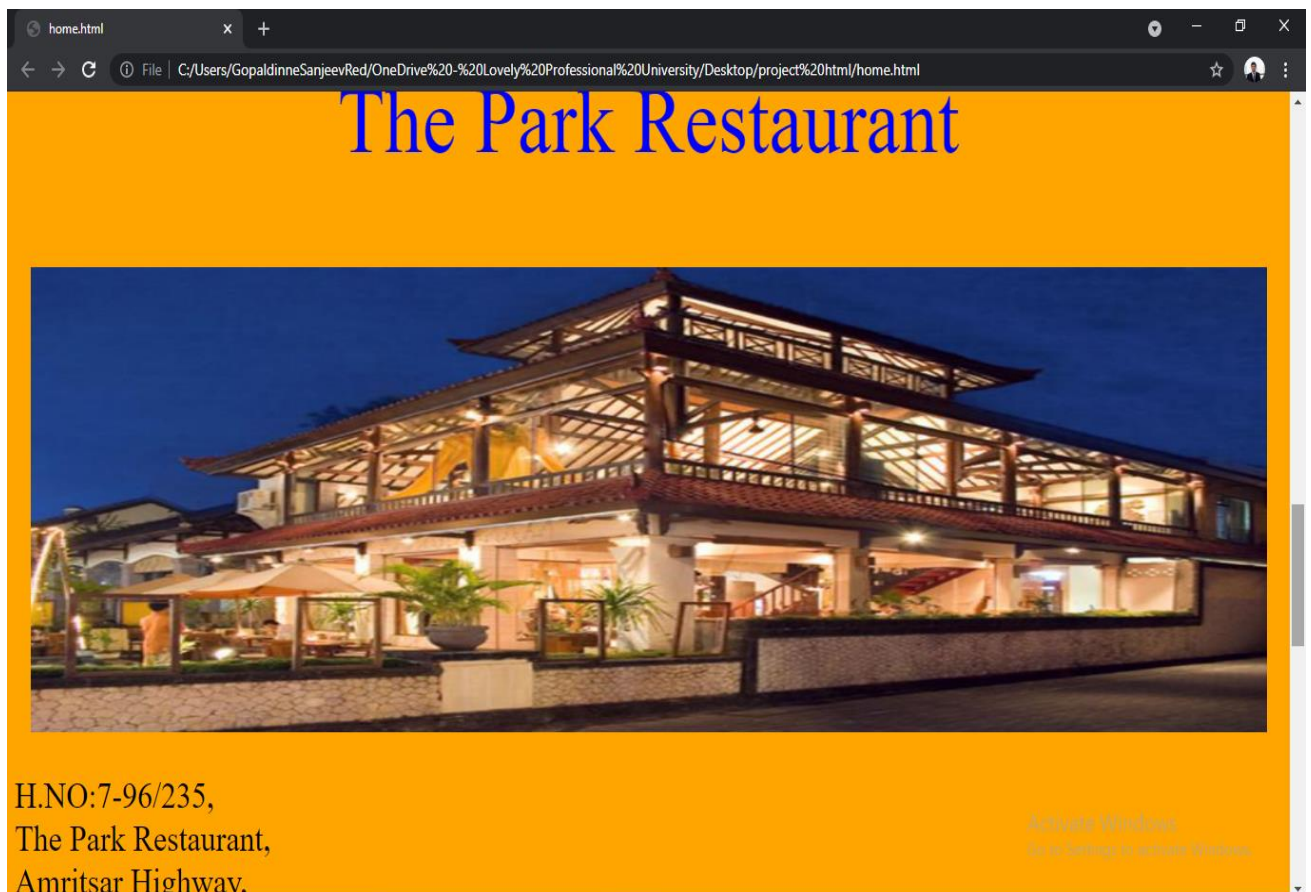


### Haveli Restaurant






## The Park Restaurant





home.html x +  
File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/home.html




H.NO:7-96/235,  
The Park Restaurant,  
Amritsar Highway,  
Jalanhar, Punjab, 144012  
Contact numbers:7981202196,9502607713  
Any quires:park970@gmail.com  
For more details please vist our website [www.the\\_park\\_restaurants.com](http://www.the_park_restaurants.com)

Activate Windows  
Go to Settings to activate Windows.

## East Cost Wings Restaurant

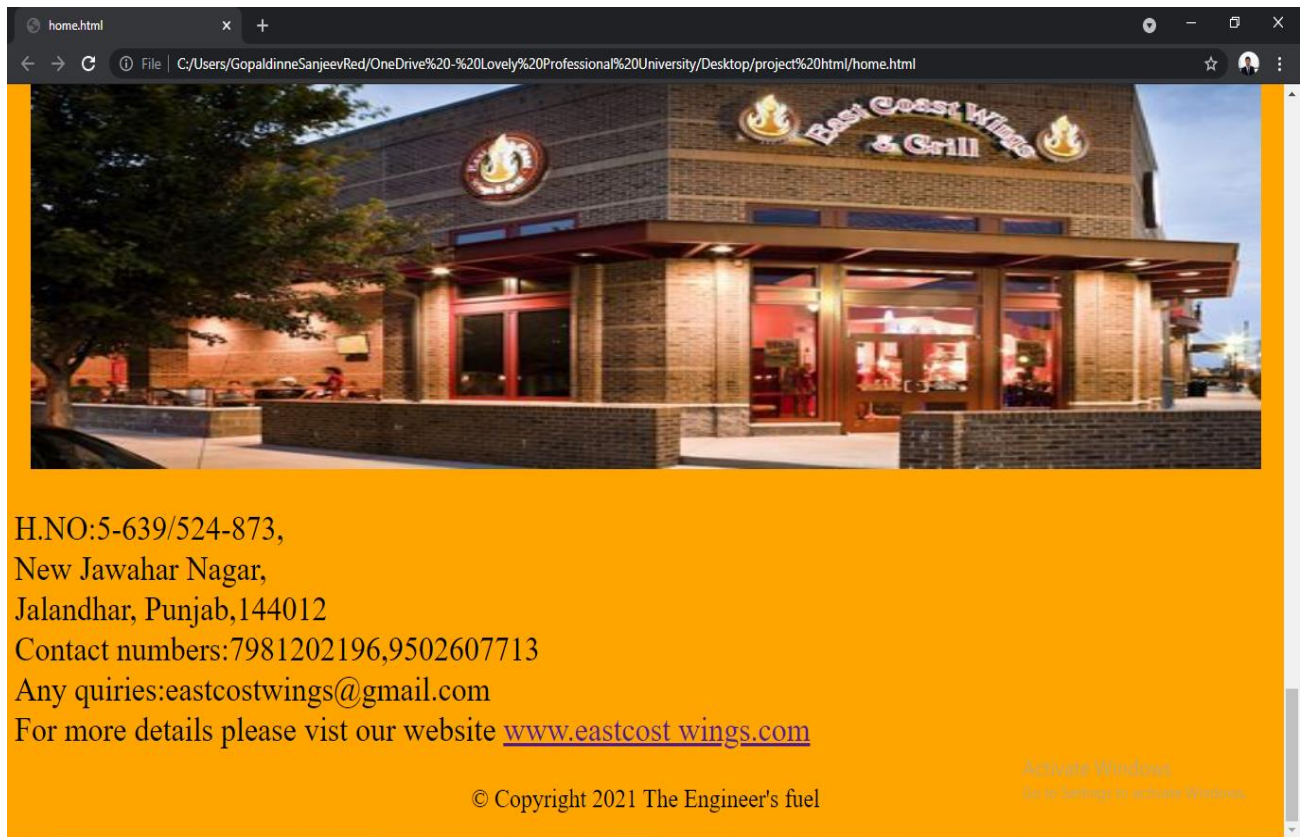
home.html x +  
File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/home.html

# East Cost Wings Restaurant

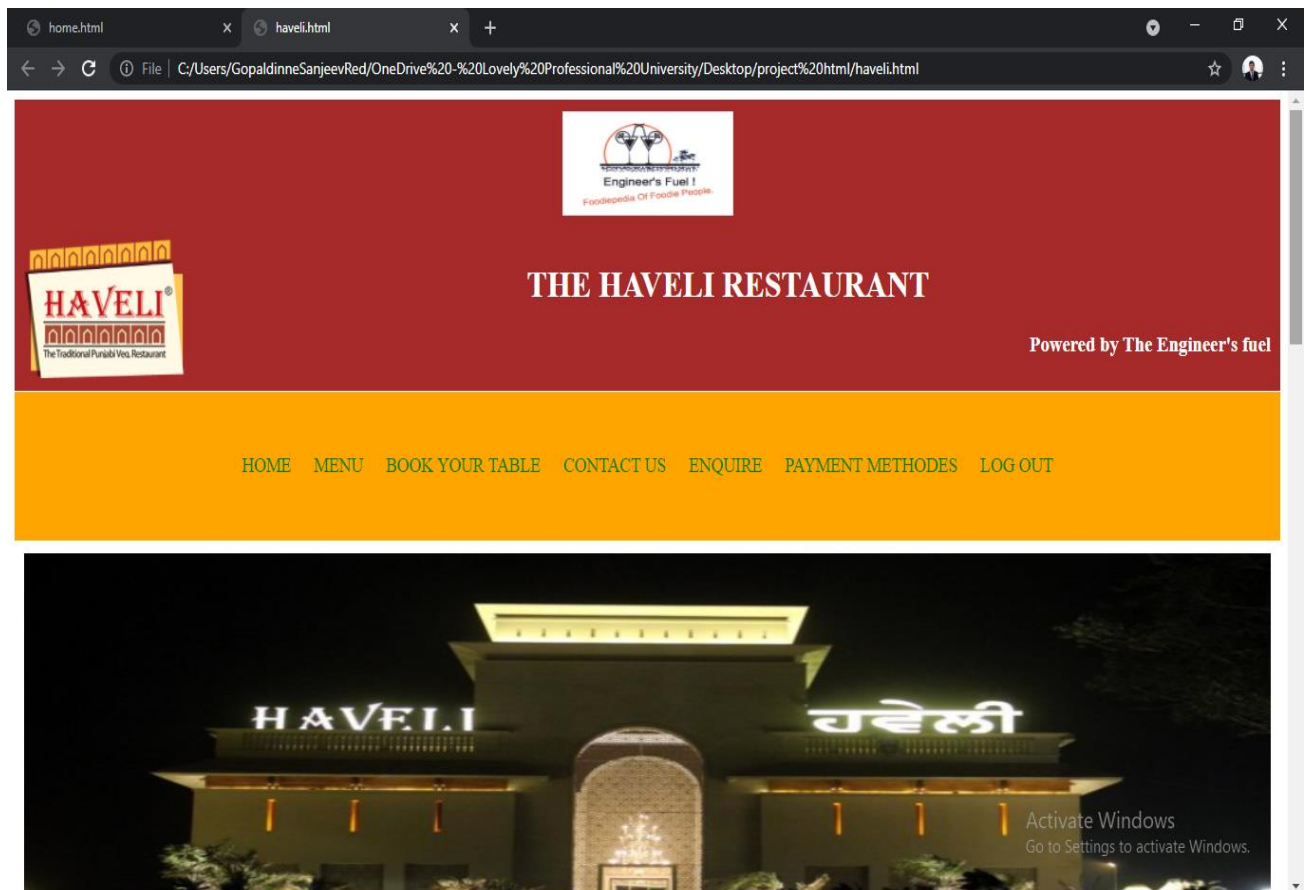


H.NO:5-639/524-873,  
New Jawahar Nagar,  
Jalandhar, Punjab 144012

Activate Windows  
Go to Settings to activate Windows.



## Inside Haveli Restaurant





home.htmlxhaveli.htmlx+

FileC:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/haveli.html

☆

⋮

## About us

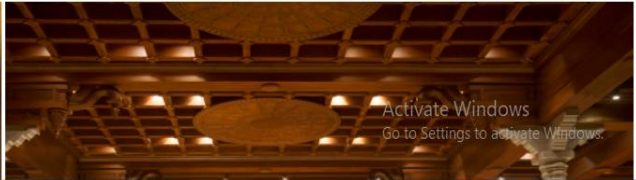

Haveli stands as a tribute to the glorious past & lifestyle of Punjab. The rich culture of Punjab is well depicted in the ambience & hospitality of Haveli.

Haveli is not just a restaurant; it is a holistic experience of Punjab which is derived from the various food stalls, cultural stores and the impeccable décor. There are elements like a life-size truck, a dummy well, colourful bangles, parandis etc. that add up to the ethnicity of the place. Guests can shop for souvenirs at the stores selling traditional artefacts.

Punjabi food is world-renown and we have taken the efforts to maintain that expectation by offering authentic flavours of Punjab. As the name suggests, Haveli offers every guest a grand meal served in a palatial way. The staff dressed in traditional Punjabi attire ensure that every guest has a pleasant experience to take back home.

Haveli as a place was conceptualised by Mr.Satish Jain. During his childhood he saw the vast and rich culture of Punjab where guests at home were treated as GOD. Creating Haveli is his effort to keep the Punjabi tradition alive. He did a lot of research which has helped him to look into the finer details of everything from exquisite décor to delicious food.

Haveli has frozen time to that golden era for generations to come & experience the splendour of Punjab in its true sense.






home.htmlxhaveli.htmlx+

FileC:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/haveli.html

☆

⋮





© Copyright 2021,The Engineer's fuel

Activate Windows  
Go to Settings to activate Windows.



# Menu

home.html x menu.html x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/menu.html

## HAVELI RESTAURANT MENU CARD

**SHURUAAT**

Tomato Shorba 130.00  
 Cream of Tomato Soup 130.00  
 Minestrone Soup 130.00  
 Vegetable Sweet Corn Soup 130.00  
 Vegetable Manchow Soup 130.00

**HAVELI KE TANDOORI SE**

Mixed Kebab Platter 350.00  
 Mixed Tandoori Platter 290.00  
 Tandoori Paneer 290.00  
 Tandoori Aloo 270.00  
 Hara Bhara Tikka 270.00  
 Paneer Seekh Kebab 290.00  
 Resmi Malai Kebab 290.00  
 Veg. Seekh Kebab 270.00  
 Veg. Corn Kebab 270.00  
 Dahi Jeera Kebab 270.00

**HAVELI KA CHINESE OAK**

Crispy Chilly Baby Corn 200.00  
 Chilly Paneer Dry 200.00  
 Crackling Spinach 200.00  
 Vegetable Spring Roll 200.00  
 Chinese Salad 190.00

**SOUP**

01. CREAM OF TOMATO SOUP 115/-  
 02. CREAM OF MUSHROOM SOUP 115/-  
 03. SWEET CORN SOUP 115/-  
 04. HOT 'N' SOUR SOUP 115/-  
 05. MANCHOW SOUP 115/-  
 06. TAILINEN SOUP 115/-  
 07. CLEAR WONTON SOUP 115/-  
 08. LEMON CORIANDER SOUP 115/-

**STARTER CHINESE**

09. CRISPY FRIED BABY CORN AND MUSHROOM CHILLY 210/-  
 10. CRISPY FRIED VEGETABLE PEPPER & SALT 210/-  
 11. CHILLY PANEER DRY 210/-  
 12. GOLDEN FRIED BABY CORN 210/-  
 13. CRISPY POTATO IN HONEY & CHILLY 175/-  
 14. VEGETABLE MANCHURIAN DRY 175/-  
 15. GHOBI MANCHURIAN DRY 165/-  
 16. SPRING ROLL 165/-  
 17. VEGETABLE MOMO 165/-

**STARTER INDIAN**

18. PANEER TIKKA 205/-  
 19. PANEER TIKKA ACHARI 210/-  
 20. PANEER TIKKA HARYALI 210/-  
 21. PANEER MALI TIKKA 215/-  
 22. TANDOORI CHAAP 205/-  
 23. MALAI CHAAP 215/-  
 24. AFGANI CHAAP 215/-  
 25. TANDOORI MUSHROOM 205/-  
 26. HAVELI SPL. KHUMB NAZAR 215/-  
 27. TANDOORI ALOO 185/-  
 28. TANDOORI MIX GRILL 345/-  
 29. PANEER KATHI ROLL 170/-

**MAIN COURSE CHINESE**

30. MUSHROOM BABY CORN BROCCOLI (SAUCE OF YOUR CHOICE SOYAGARLIC STIR FRIED) 210/-  
 31. STIR FRIED SPINACH WITH BUTTON MUSHROOM 210/-  
 32. SPINACH IN HOT GARLIC SAUCE 210/-  
 33. MIX VEGETABLE WITH ALMOND 210/-  
 34. MIX VEGETABLE SWEET & SOUR 210/-  
 35. MIX VEGETABLE HOT GARLIC SAUCE 210/-  
 36. VEGETABLE MANCHURIAN GRABBY 210/-  
 37. GHOBI MANCHURIAN GRABBY 210/-  
 38. CHILLY GARLIC PANEER GRABBY 225/-

**RICE & NOODLES**

39. VEGETABLE FRIED RICE 165/-  
 40. GINGER RICE 165/-  
 41. VEGETABLE HAKKA NOODLE 175/-  
 42. CHILLY GARLIC NOODLE 175/-  
 43. VEGETABLE HOT GARLIC NOODLE 175/-  
 44. VEGETABLE SINGAPORE NOODLE 185/-  
 45. STEAMED NOODLE WITH VEGETABLE 210/-  
 46. CRISPY NOODLE (WITH SWEET & SOUR VEGETABLE) 210/-  
 47. KONG FU PAN FRIED NOODLE 220/-  
 48. TRIPLE COMBO (FRIED RICE, NOODLE, CRISPY NOODLE WITH VEGETABLE IN HOT GARLIC SAUCE) 255/-

**AMERICAN EXPRESS**

1. American Cane 80  
 2. Pulled Paneer Sandwich 80  
 3. Mushroom & Cheese Sandwich 80  
 4. Sandwich & Corn Sandwich 80  
 5. Veg Sandwich 80  
 6. Veg. Chilli Sandwich 100  
 7. Grilled sandwich 80  
 8. Veg. Curry 100  
 9. Cheese Curry 100  
 10. Vegetable Chicken Burger 100  
 11. Veg Burger 80  
 12. Spicy Paneer Sandwich 80  
 13. French Fries 80  
 14. Butter Naan 80  
 15. Paneer Naan 80

**ITALIAN EXPRESS**

1. Margherita Pizza 120  
 2. Mushroom Pizza 120  
 3. Onion Capricorn & Tomato Pizza 120  
 4. Chilli Cheese Pizza 120  
 5. Paneer Pizza in Red / White Sauce 120  
 6. Spaghetti in Red / White Sauce 120  
 7. Combo Kebab + Pizza + Coke 180

**JUST DESSERTS**

1. Tiramisu 80  
 2. Hot Chocolate Noodle 80  
 3. Fruit Sorbet 80  
 4. Cheese & Ice cream (Hot Sauce) 80  
 5. Bismillah (Hot Pot) 80  
 6. Bismillah (Hot Pot) 80  
 7. Jalebi 80  
 8. Gajar Ka Halwa (Seasonal) 80  
 9. Moringi Dal Ki Halwa 80  
 10. Kaju Katoli 80  
 11. Spicy Rasgulla (Hot Pot) 80  
 12. Hot Gobi - Jaman (Hot Pot) 80

C:/Users/GopaldinneSanjeevRed/OneDrive - Lovely Professional University/.../850...

home.html x menu.html x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/menu.html

**HARA BHARA TIKKA** 270.00  
**Paneer Seekh Kebab** 290.00  
**Resmi Malai Kebab** 290.00  
**Veg. Seekh Kebab** 270.00  
**Veg. Corn Kebab** 270.00  
**Dahi Jeera Kebab** 270.00

**HAVELI KA CHINESE OAK**

**Crispy Chilly Baby Corn** 200.00  
**Chilly Paneer Dry** 200.00  
**Crackling Spinach** 200.00  
**Vegetable Spring Roll** 200.00  
**Chinese Salad** 190.00

**SOUP**

01. CREAM OF TOMATO SOUP 115/-  
 02. CREAM OF MUSHROOM SOUP 115/-  
 03. SWEET CORN SOUP 115/-  
 04. HOT 'N' SOUR SOUP 115/-  
 05. MANCHOW SOUP 115/-  
 06. TAILINEN SOUP 115/-  
 07. CLEAR WONTON SOUP 115/-  
 08. LEMON CORIANDER SOUP 115/-

**STARTER CHINESE**

09. CRISPY FRIED BABY CORN AND MUSHROOM CHILLY 210/-  
 10. CRISPY FRIED VEGETABLE PEPPER & SALT 210/-  
 11. CHILLY PANEER DRY 210/-  
 12. GOLDEN FRIED BABY CORN 210/-  
 13. CRISPY POTATO IN HONEY & CHILLY 175/-  
 14. VEGETABLE MANCHURIAN DRY 175/-  
 15. GHOBI MANCHURIAN DRY 165/-  
 16. SPRING ROLL 165/-  
 17. VEGETABLE MOMO 165/-

**STARTER INDIAN**

18. PANEER TIKKA 205/-  
 19. PANEER TIKKA ACHARI 210/-  
 20. PANEER TIKKA HARYALI 210/-  
 21. PANEER MALI TIKKA 215/-  
 22. TANDOORI CHAAP 205/-  
 23. MALAI CHAAP 215/-  
 24. AFGANI CHAAP 215/-  
 25. TANDOORI MUSHROOM 205/-  
 26. HAVELI SPL. KHUMB NAZAR 215/-  
 27. TANDOORI ALOO 185/-  
 28. TANDOORI MIX GRILL 345/-  
 29. PANEER KATHI ROLL 170/-

**MAIN COURSE CHINESE**

30. MUSHROOM BABY CORN BROCCOLI (SAUCE OF YOUR CHOICE SOYAGARLIC STIR FRIED) 210/-  
 31. STIR FRIED SPINACH WITH BUTTON MUSHROOM 210/-  
 32. SPINACH IN HOT GARLIC SAUCE 210/-  
 33. MIX VEGETABLE WITH ALMOND 210/-  
 34. MIX VEGETABLE SWEET & SOUR 210/-  
 35. MIX VEGETABLE HOT GARLIC SAUCE 210/-  
 36. VEGETABLE MANCHURIAN GRABBY 210/-  
 37. GHOBI MANCHURIAN GRABBY 210/-  
 38. CHILLY GARLIC PANEER GRABBY 225/-

**RICE & NOODLES**

39. VEGETABLE FRIED RICE 165/-  
 40. GINGER RICE 165/-  
 41. VEGETABLE HAKKA NOODLE 175/-  
 42. CHILLY GARLIC NOODLE 175/-  
 43. VEGETABLE HOT GARLIC NOODLE 175/-  
 44. VEGETABLE SINGAPORE NOODLE 185/-  
 45. STEAMED NOODLE WITH VEGETABLE 210/-  
 46. CRISPY NOODLE (WITH SWEET & SOUR VEGETABLE) 210/-  
 47. KONG FU PAN FRIED NOODLE 220/-  
 48. TRIPLE COMBO (FRIED RICE, NOODLE, CRISPY NOODLE WITH VEGETABLE IN HOT GARLIC SAUCE) 255/-

**AMERICAN EXPRESS**

1. American Cane 80  
 2. Pulled Paneer Sandwich 80  
 3. Mushroom & Cheese Sandwich 80  
 4. Sandwich & Corn Sandwich 80  
 5. Veg Sandwich 80  
 6. Veg. Chilli Sandwich 100  
 7. Grilled sandwich 80  
 8. Veg. Curry 100  
 9. Cheese Curry 100  
 10. Vegetable Chicken Burger 100  
 11. Veg Burger 80  
 12. Spicy Paneer Sandwich 80  
 13. French Fries 80  
 14. Butter Naan 80  
 15. Paneer Naan 80

**ITALIAN EXPRESS**

1. Margherita Pizza 120  
 2. Mushroom Pizza 120  
 3. Onion Capricorn & Tomato Pizza 120  
 4. Chilli Cheese Pizza 120  
 5. Paneer Pizza in Red / White Sauce 120  
 6. Spaghetti in Red / White Sauce 120  
 7. Combo Kebab + Pizza + Coke 180

**JUST DESSERTS**

1. Tiramisu 80  
 2. Hot Chocolate Noodle 80  
 3. Fruit Sorbet 80  
 4. Cheese & Ice cream (Hot Sauce) 80  
 5. Bismillah (Hot Pot) 80  
 6. Bismillah (Hot Pot) 80  
 7. Jalebi 80  
 8. Gajar Ka Halwa (Seasonal) 80  
 9. Moringi Dal Ki Halwa 80  
 10. Kaju Katoli 80  
 11. Spicy Rasgulla (Hot Pot) 80  
 12. Hot Gobi - Jaman (Hot Pot) 80

Shahi Paneer  
 2 Sabji  
 Dal makhni  
 1 Rice  
 1 Raita  
 2 Butter Naan / 2 Lachha Parantha  
 Papad  
 Chutney  
 Pickle  
 Chatti lassi / coke  
 kheer

Trusted Customers can buy 2 main course that's R. get one free worth Rs.249

© Copyright 2021, The Engineer's fuel

file:///C:/Users/GopaldinneSanjeevRed/OneDrive - Lovely Professional University/Desktop/project.html/850.jpg

## To Book a Table

home.html x Restaurants/form x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/form.html

### BOOK A TABLE

**First Name:**

**Last Name:**

**Mobile Number:**

**Booking Date:**

**Time:**

**Preferred View:** ☐ 1<sup>st</sup> floor ☐ 2<sup>nd</sup> floor ☐ Terrace

**Preferred Food:** ☐ Veg ☐ Non-Veg ☐ Continental

**Email-Id:**

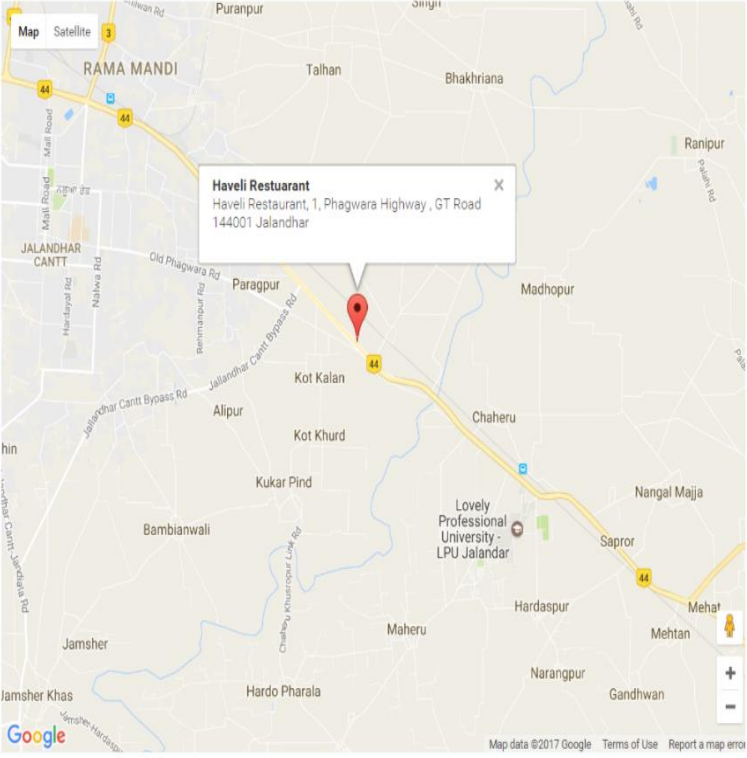
**Address:**

Activate Windows  
Go to Settings to activate Windows.

## Contact Us

home.html x The Park Restaurant/Contact Us x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/Haveli-contact%20us.html



### contact Us

Get in touch using any of the following details . . .

**Please Note:**

*We do not accept table bookings via email, to book a table please call us.*

### Haveli Restuarants

**OPENING HOURS:**

MON to THU: 12pm-2.30pm / 5pm-9.30pm

FRI and SAT: 12pm-9.45pm

SUN: 12pm-9pm

PH NO: 7981202196

Email-ID: [sanjeevreddy.gopaldinne@gmail.com](mailto:sanjeevreddy.gopaldinne@gmail.com)

Activate Windows  
Go to Settings to activate Windows.

Copyright ©Haveli Restuarant



## Enquiry

home.html x Restuarants/Enquiry x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/enquiry.html

Engineer's Fuel !  
Foodiepedia Of Foodie People

### Enquiry

First Name:

Last Name:

Mobile Number:

Email-Id:

Enquiry:

submit

Activate Windows  
Go to Settings to activate Windows.

## Payment

home.html x payment method.html x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/payment%20method.html

Engineer's Fuel !  
Foodiepedia Of Foodie People

### Payment Methods

Credit Card

Debit Card

Net banking

EngineerFuel Wallet

PayTM

Select Any Payment Method You Are Convinient With.

submit

Activate Windows  
Go to Settings to activate Windows.







home.html x creditcard.html x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/creditcard.html

## Payment Methods

- Credit Card
- Debit Card
- Net banking
- EngineerFuel Wallet
- PayTM
- Mobikwik
- Gift voucher
- Bhem

Other Bank

Card Information

Card Number(16 digit number)

CVV Number (3 digit number on backside of card)

Valid Upto  
 Year  Month

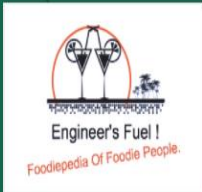
Copyrights Reserved © Engineer's Fuel

Activate Windows  
Go to Settings to activate Windows.

## Login/ Signup

home.html x login.html x +

File | C:/Users/GopaldinneSanjeevRed/OneDrive%20-%20Lovely%20Professional%20University/Desktop/project%20html/login.html



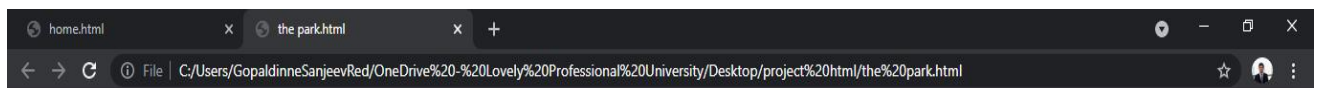
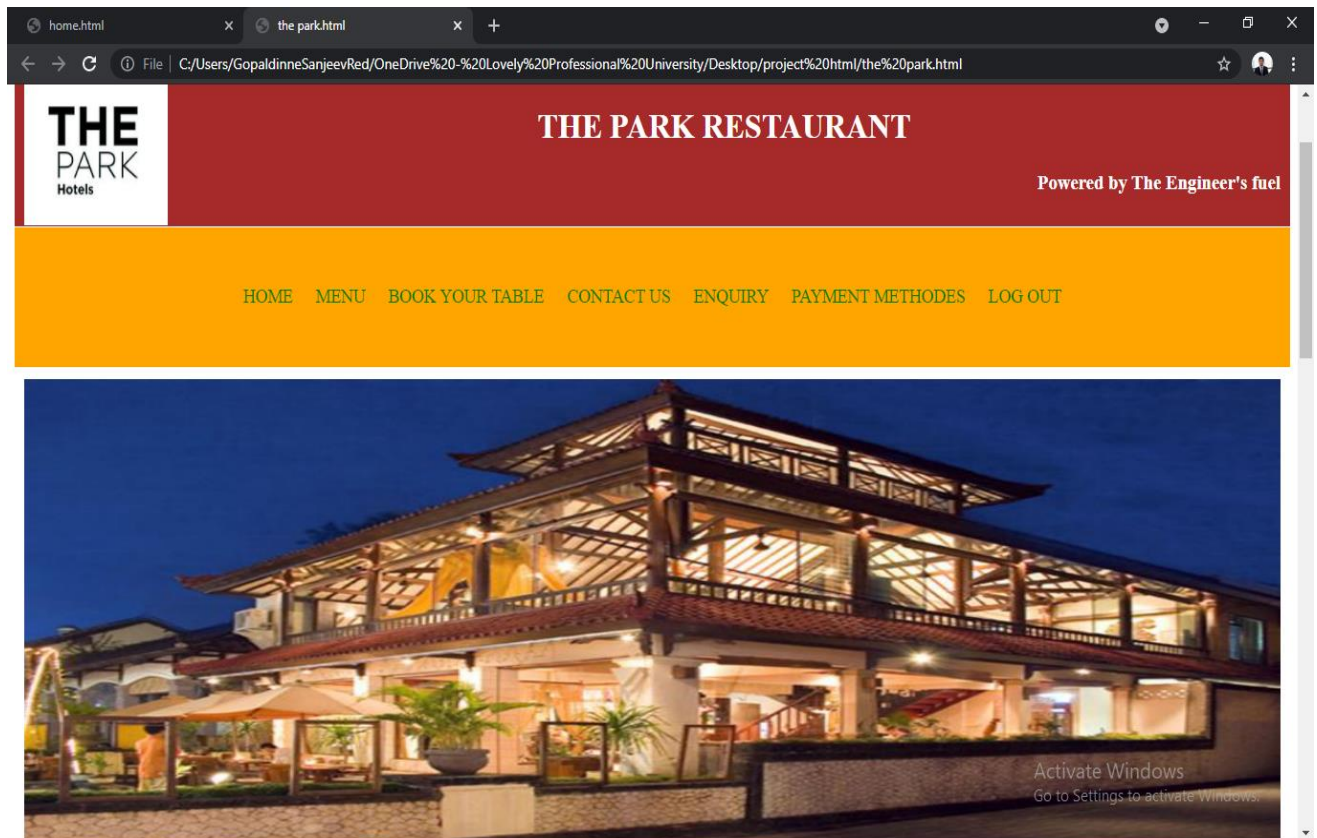
Engineer's Fuel !  
Foodiepedia Of Foodie People.

E-mail ID

Password

Activate Windows  
Go to Settings to activate Windows.

# The Park Restaurant



## About us

An 80-room luxury boutique hotel in Mumbai, The Park, Navi Mumbai, provides an elegant setting for both business and pleasure. Navi (New) Mumbai is a leading business district and a hub for IT and manufacturing industries near Mumbai. It is close to one of Asia's largest industrial belts, Thane - Belapur Road. This unique location coupled with The Park's luxury boutique hotel offerings; make it a dynamic urban getaway from Mumbai.

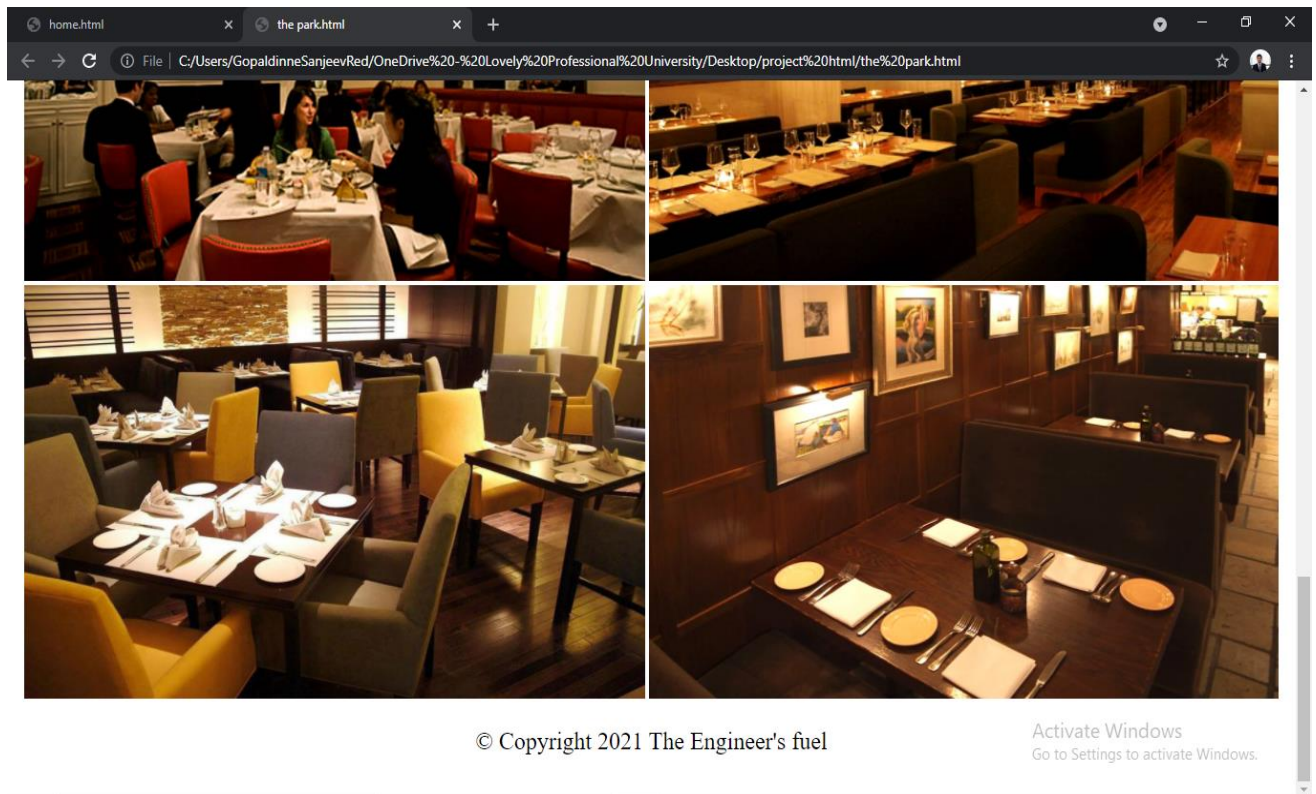
Paying homage to the work of Modernist Architect Le Corbusier, our luxury boutique hotel in Mumbai has an open plan approach that connects all the parts of the hotel in an organic fashion creating a vibrant living environment. The interiors mix traditional Indian patterns and textures with clean lines and modern shapes, bringing together East and West and fusing technology with local crafts.

Whether its retreating to the comfort and elegance of our fully wired rooms, indulging in an array of global delicacies, pampering in our in-house retail outlet or surrendering to the lush green settings or even organizing premium banqueting; The Park is the finest hotel in Navi Mumbai that offers an eclectic combination of it all.

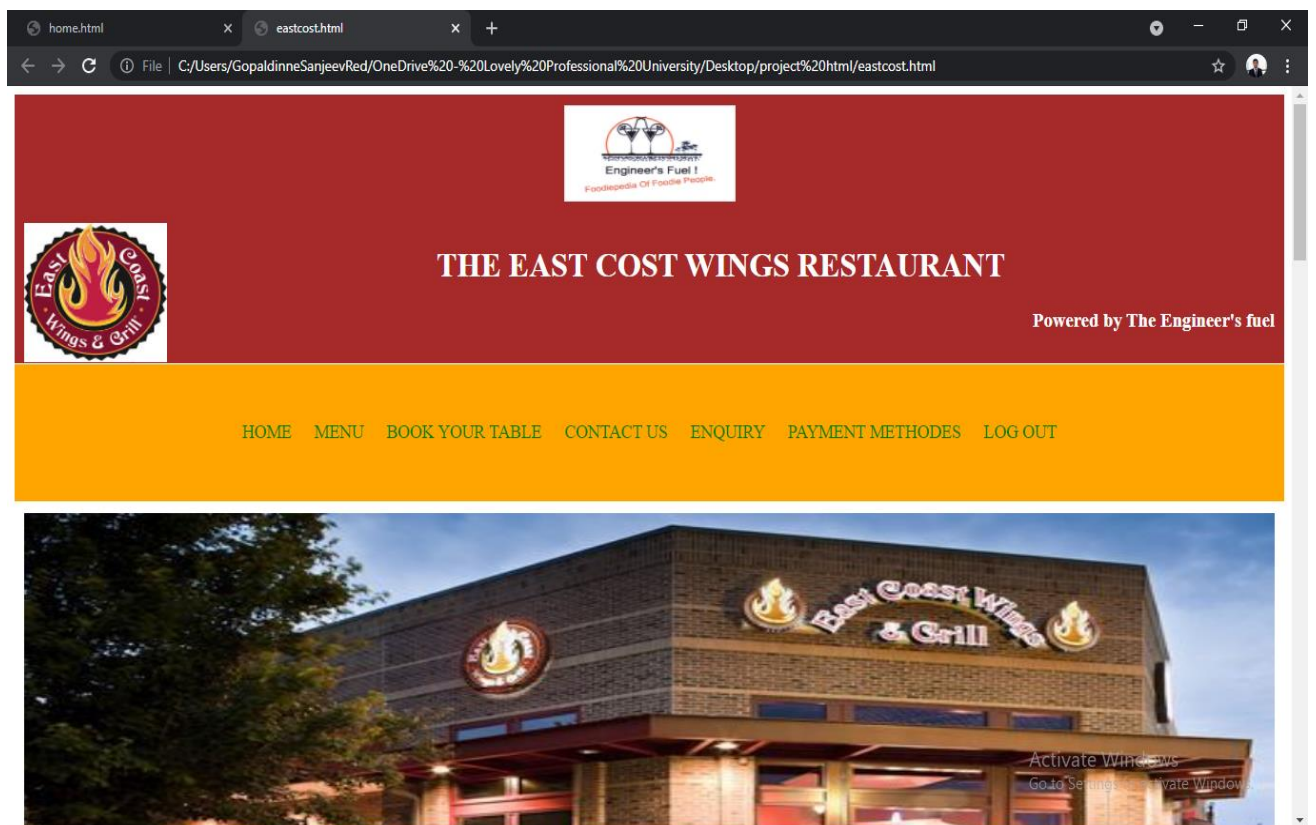
## Interior Designs

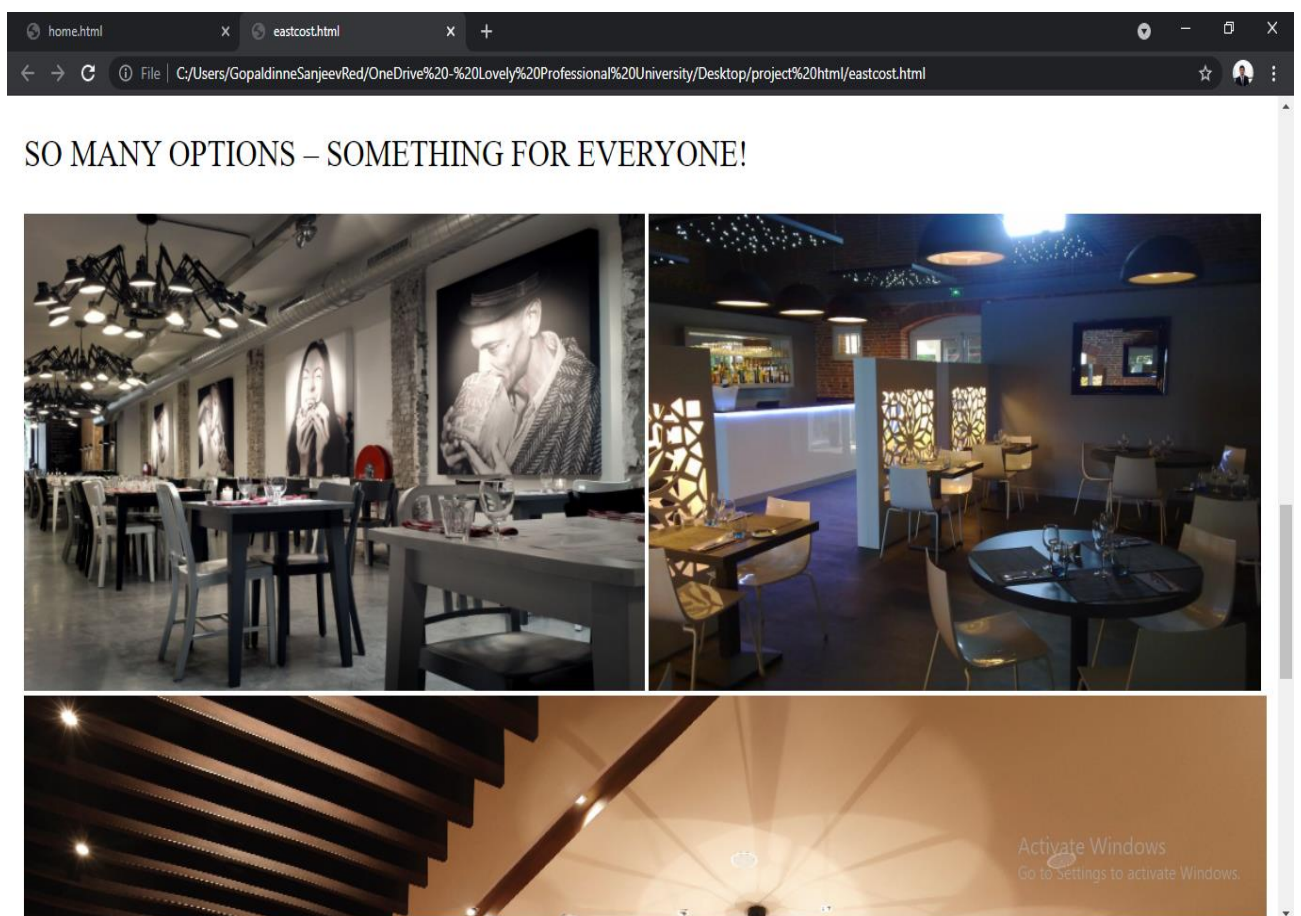
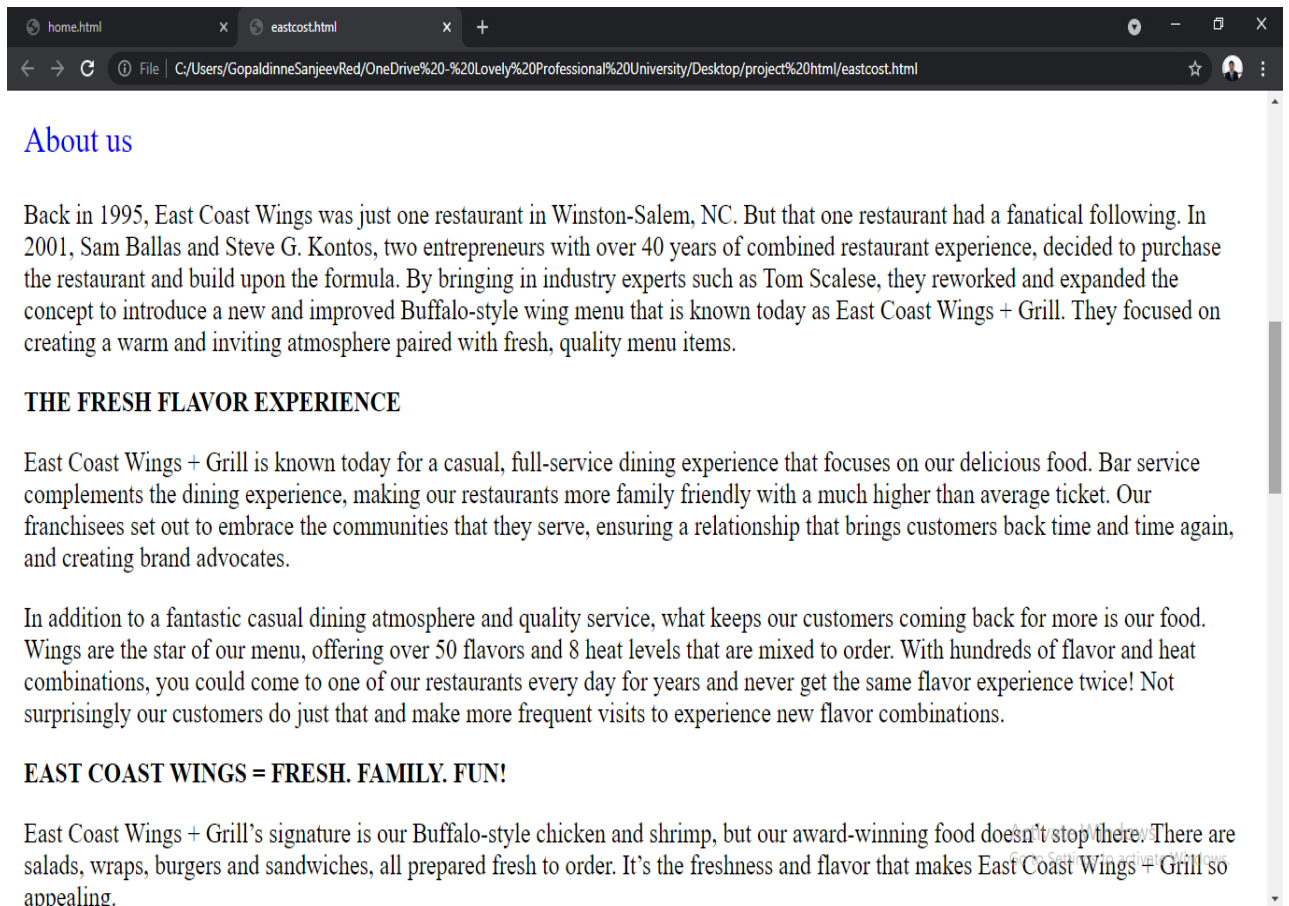




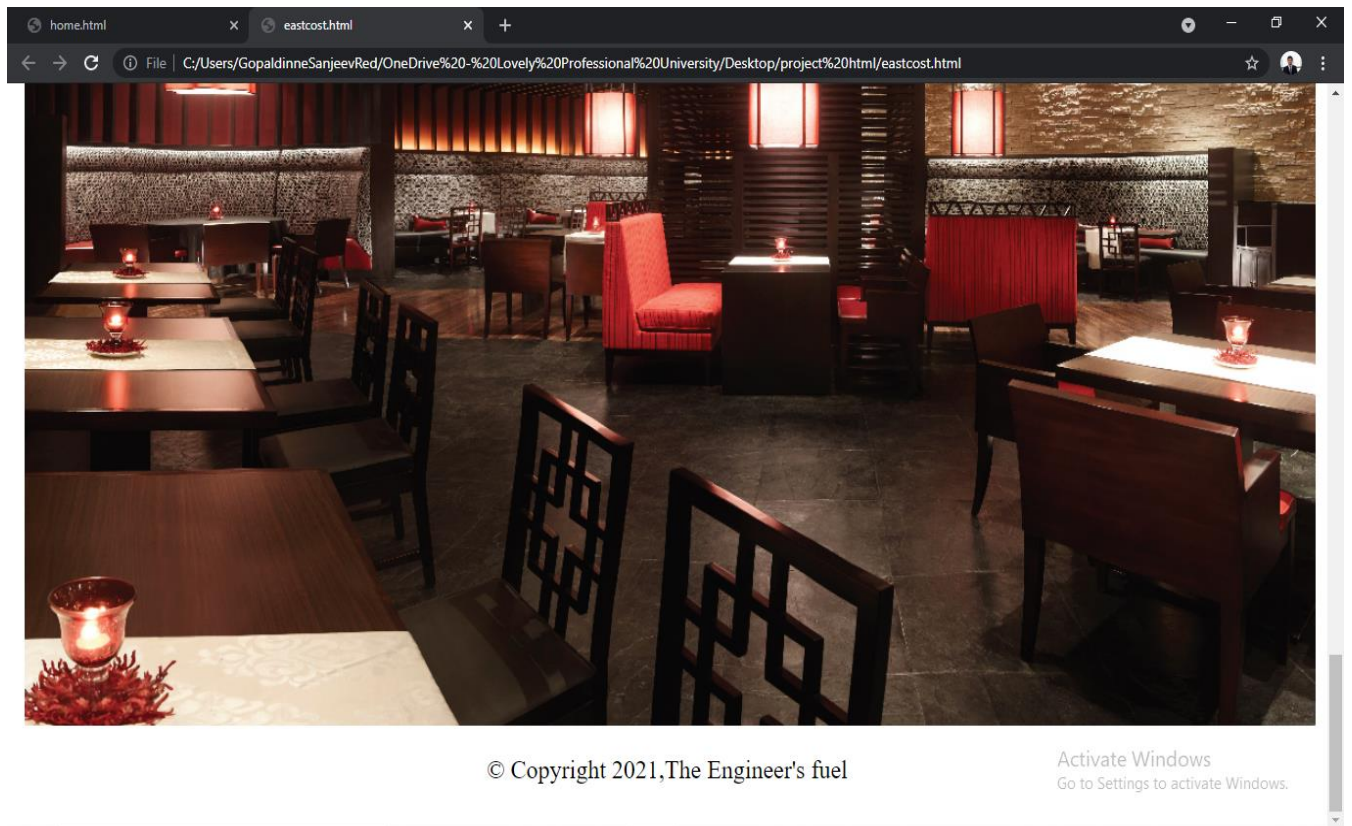


## The East Cost Wings Restaurant









## **6. References**

<https://www.siteminder.com/r/technology/hotel-internet-booking-engines/requirements-hotel-reservations-system/>