Restaurant Management System

By

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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
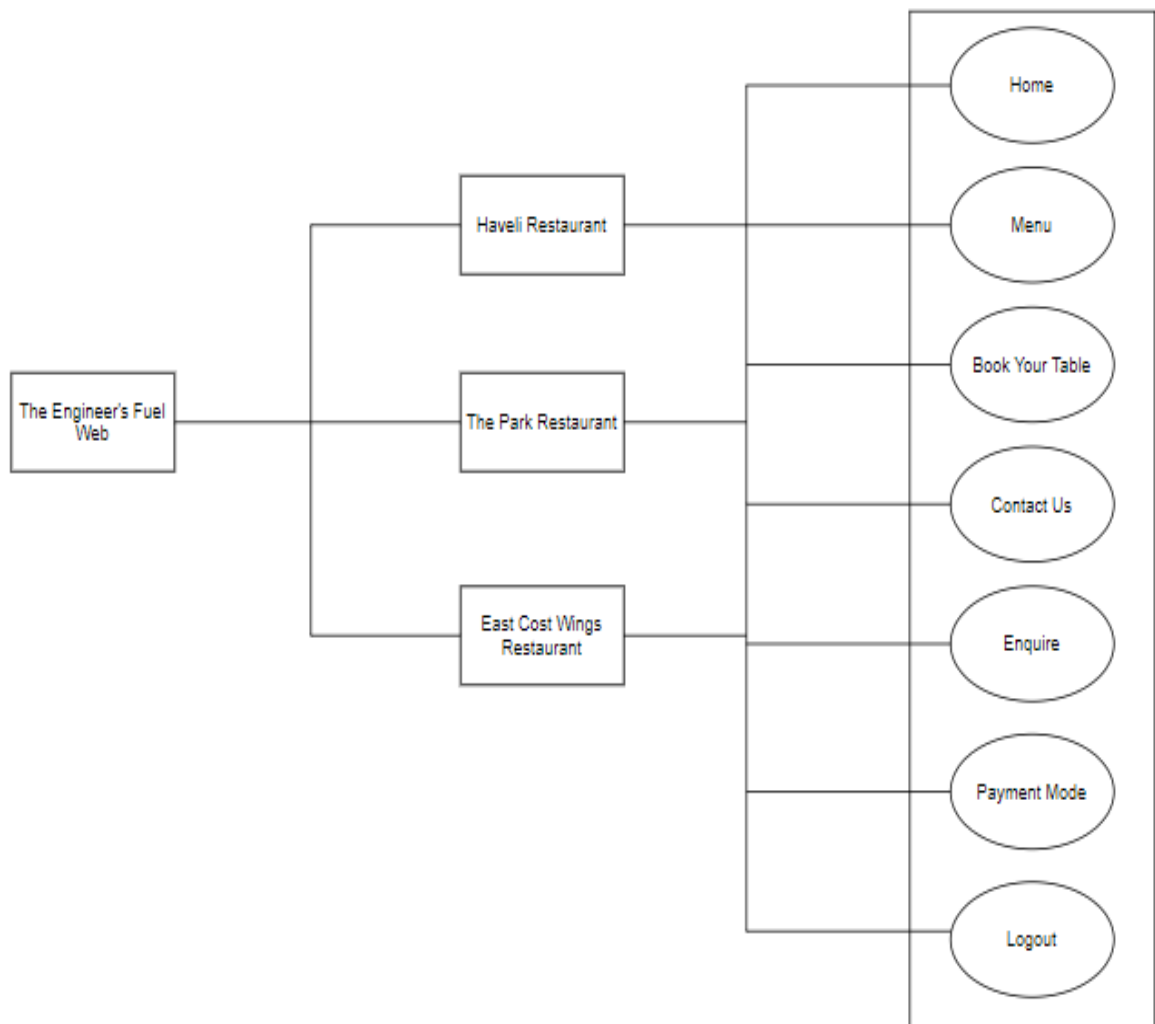
2.2 High Level Requirements

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

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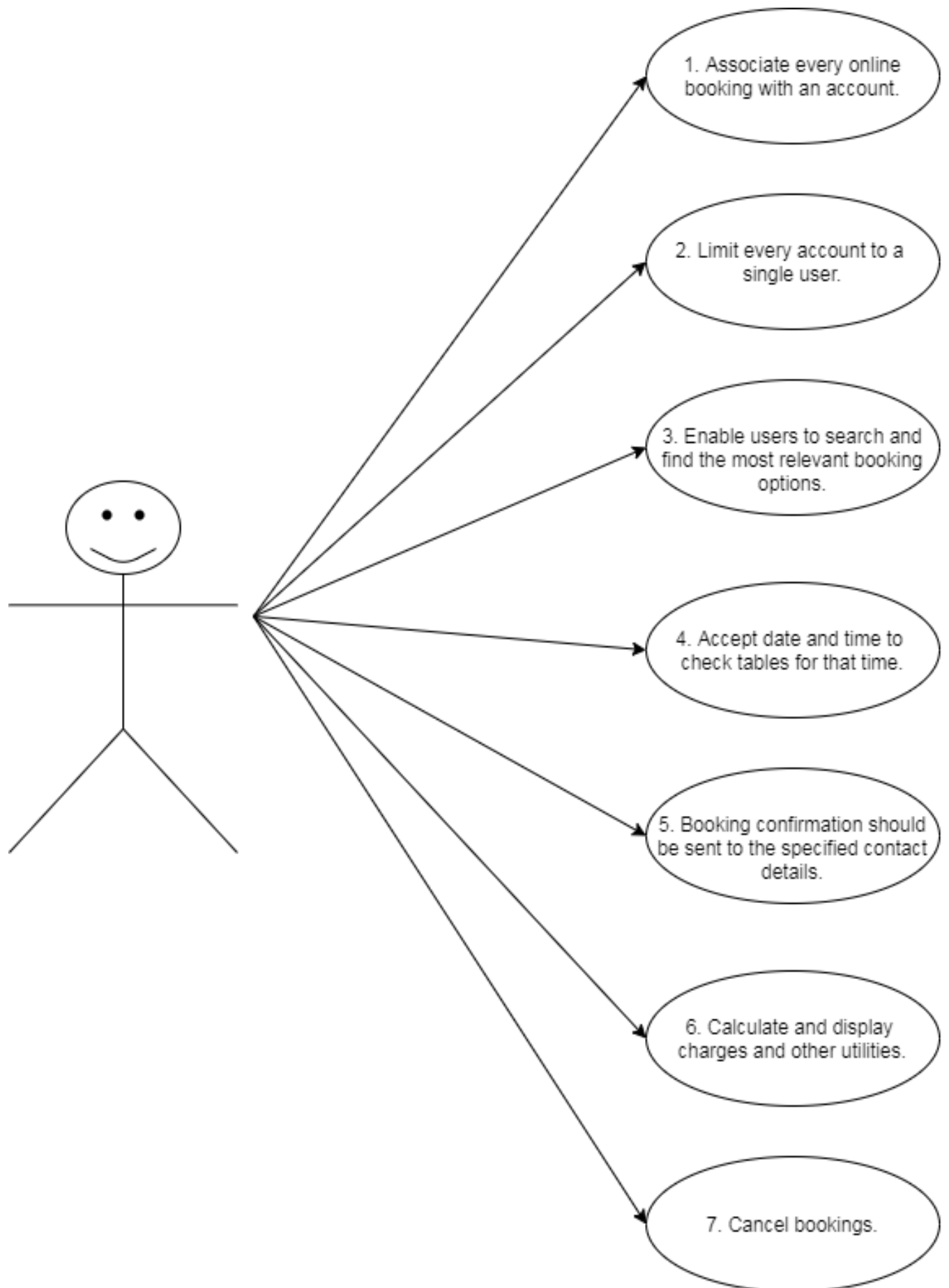
2.3 Low Level Requirements

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
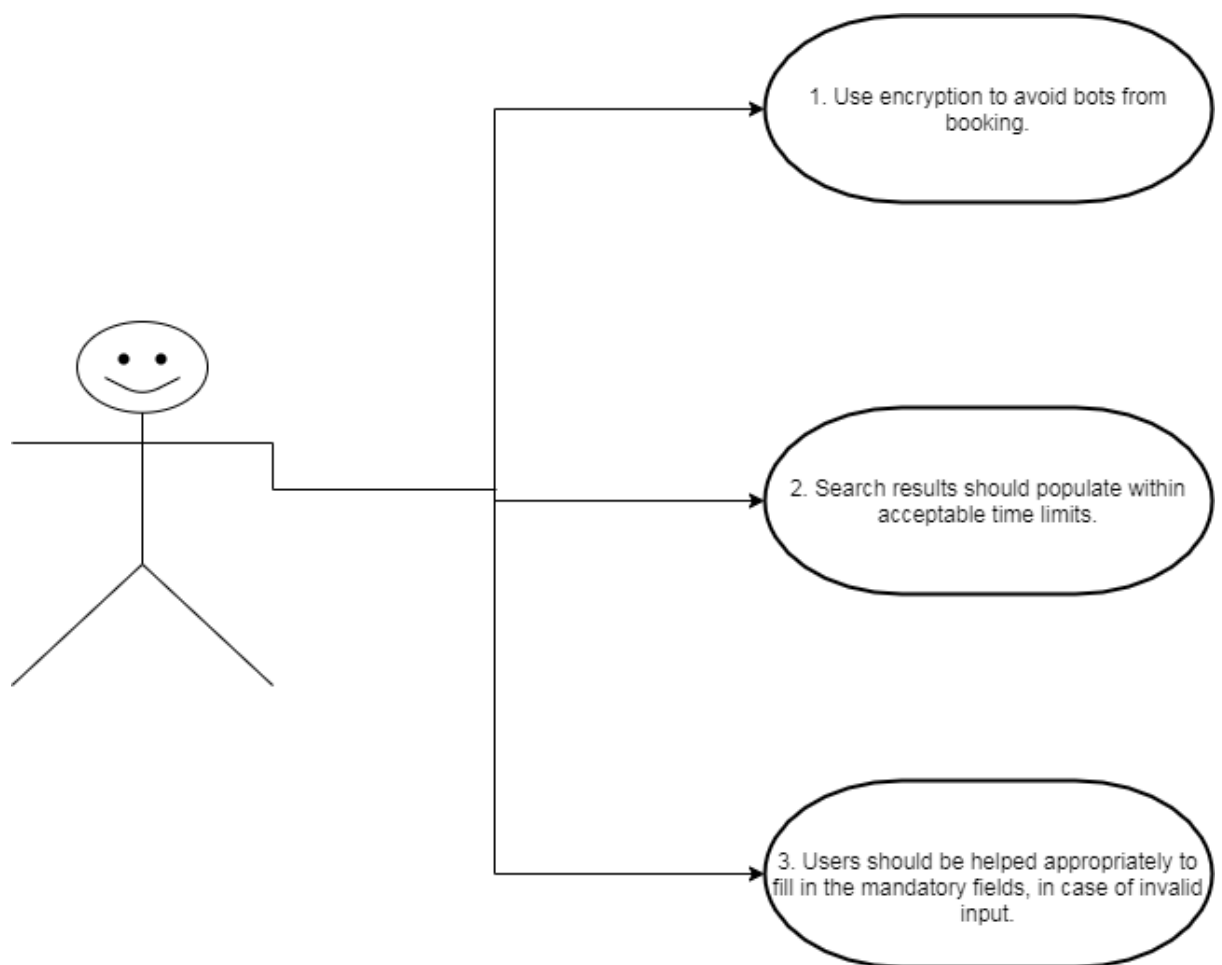
3. Implementation

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
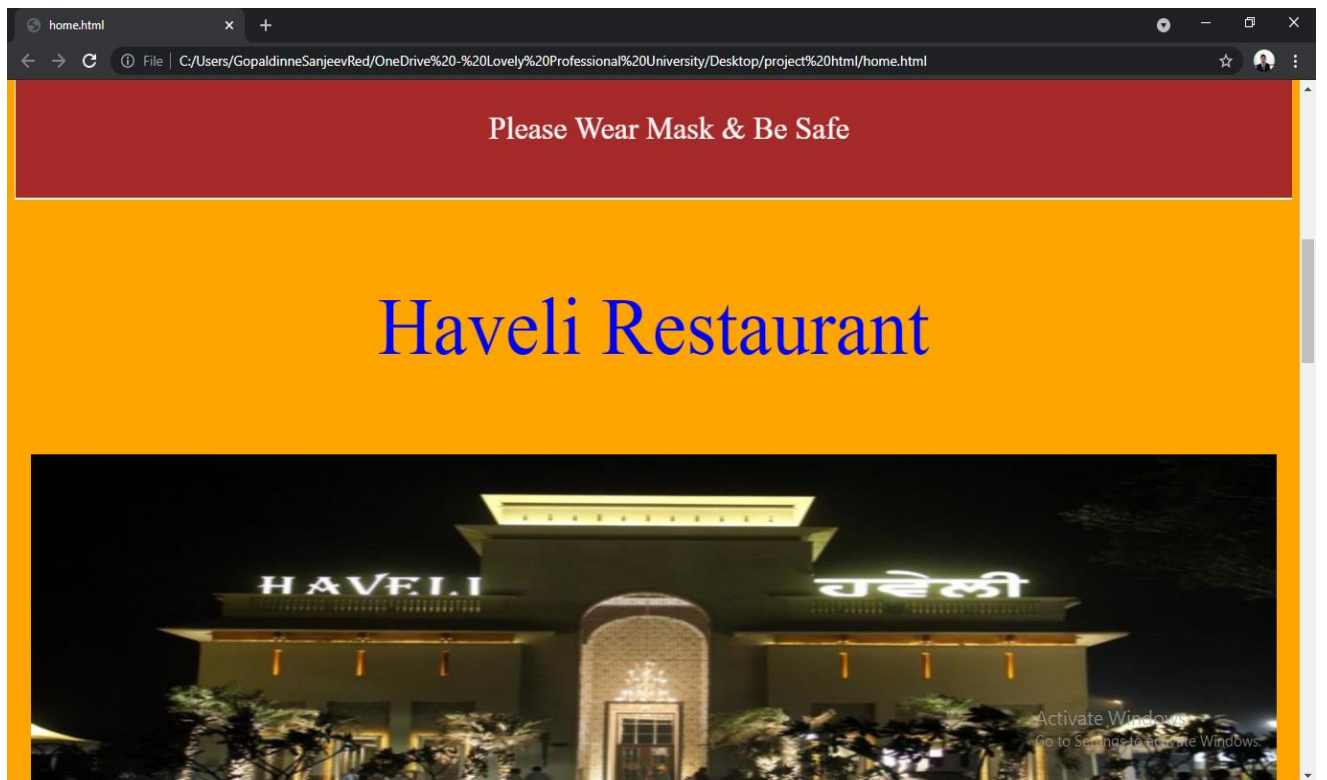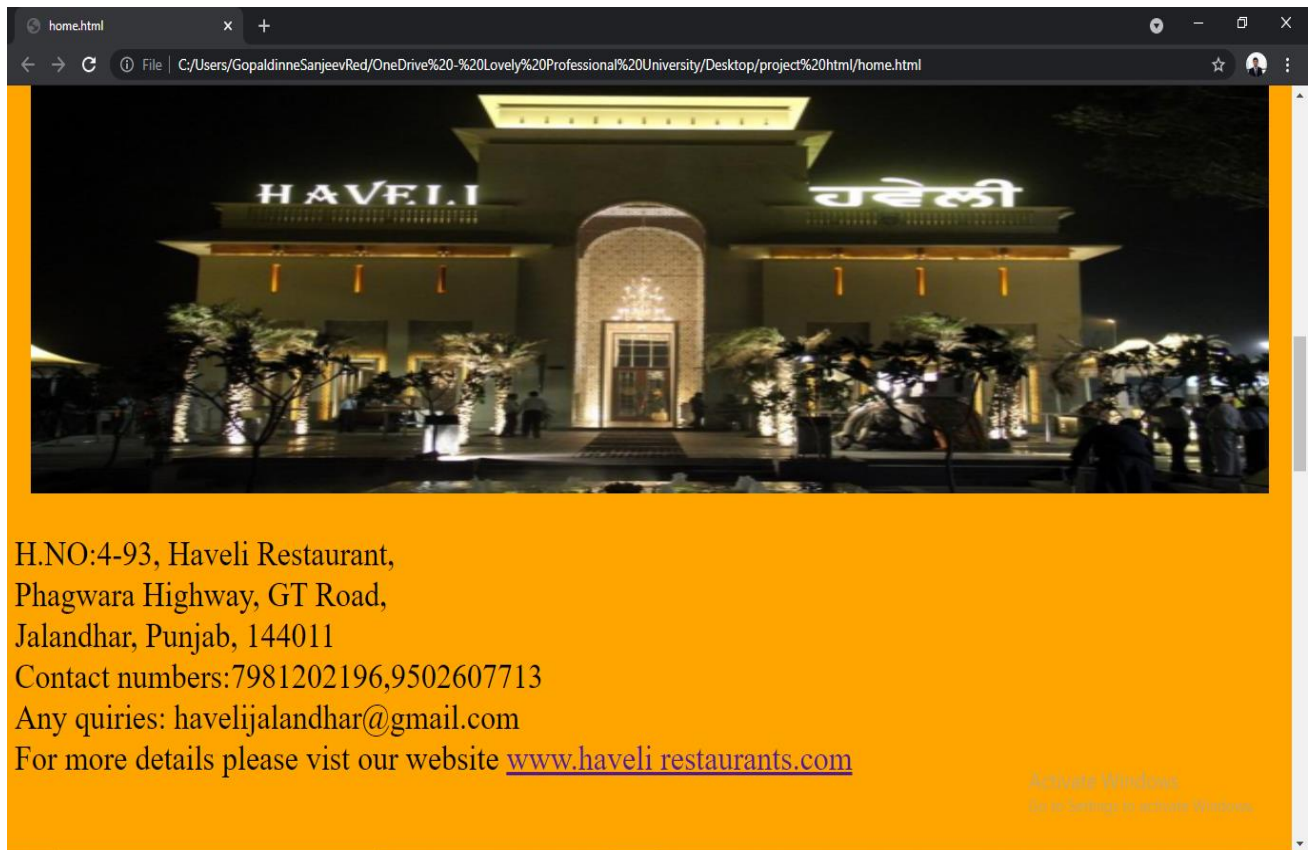
H.NO:4-93, Haveli Restaurant,
Phagwara Highway, GT Road,
Jalandhar, Punjab, 144011
Contact numbers:7981202196,9502607713
Any quiries: havelijalandhar@gmail.com
For more details please vist our website www.haveli restaurants.com

The Park Restaurant

The Park Restaurant
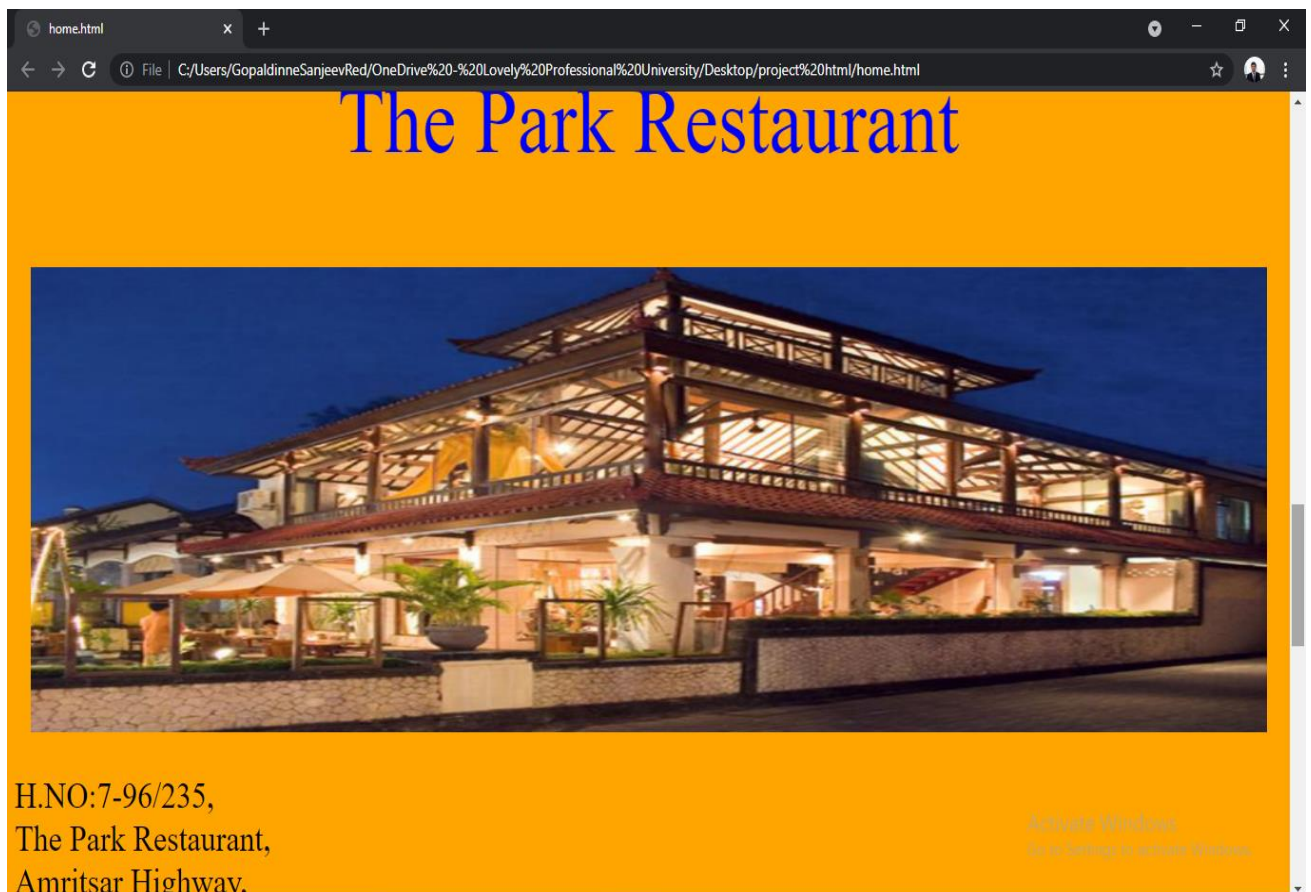
H.NO:7-96/235,
The Park Restaurant,
Amritsar Highway,

H.NO:7-96/235,
The Park Restaurant,
Amritsar Highway,
Jalanhar, Punjab, 144012
Contact numbers:7981202196,9502607713
Any quiries:park970@gmail.com
For more details please vist our website www.the park restaurants.com

East Cost Wings Restaurant

H.NO:5-639/524-873,
New Jawahar Nagar,
Jalandhar, Punjab,144012
Contact numbers:7981202196,9502607713
Any quiries:eastcostwings@gmail.com
For more details please vist our website www.eastcost wings.com
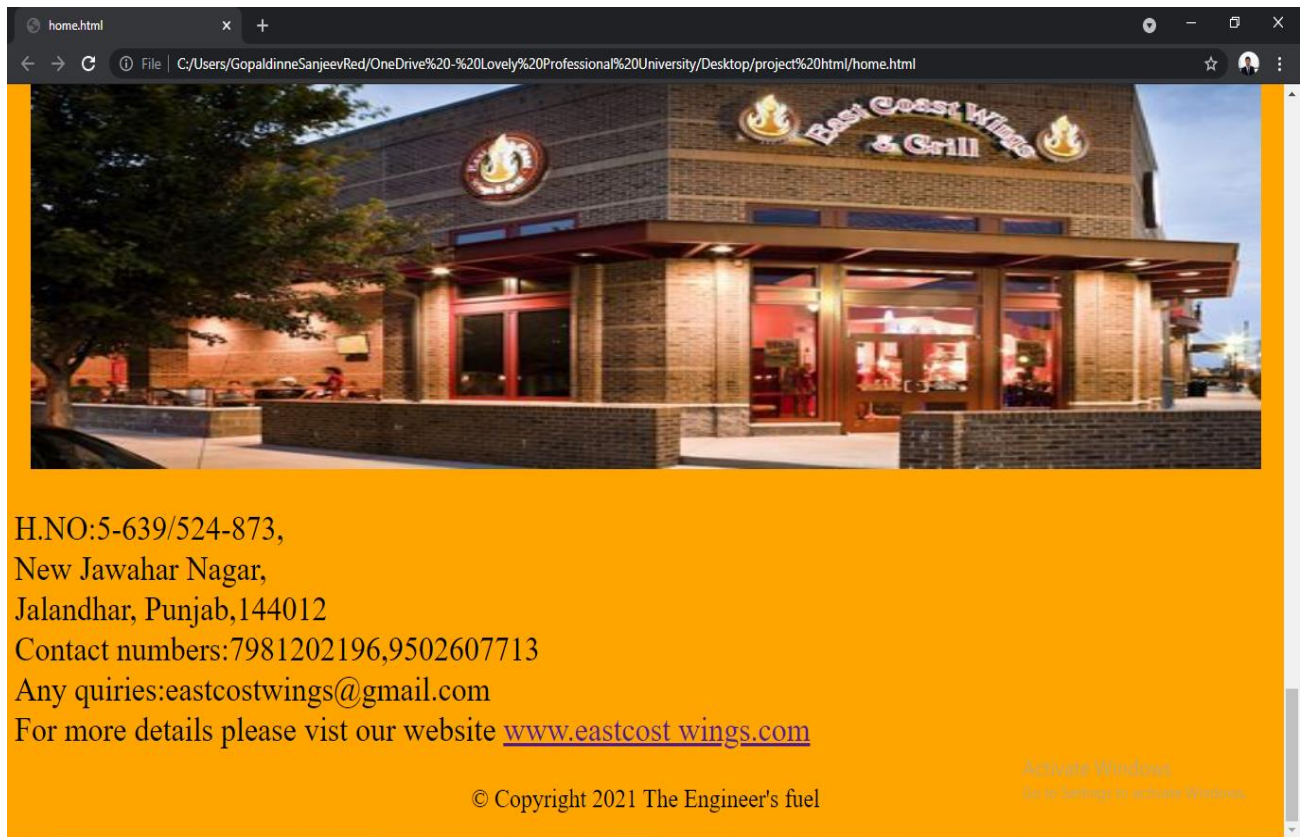
Inside Haveli Restaurant
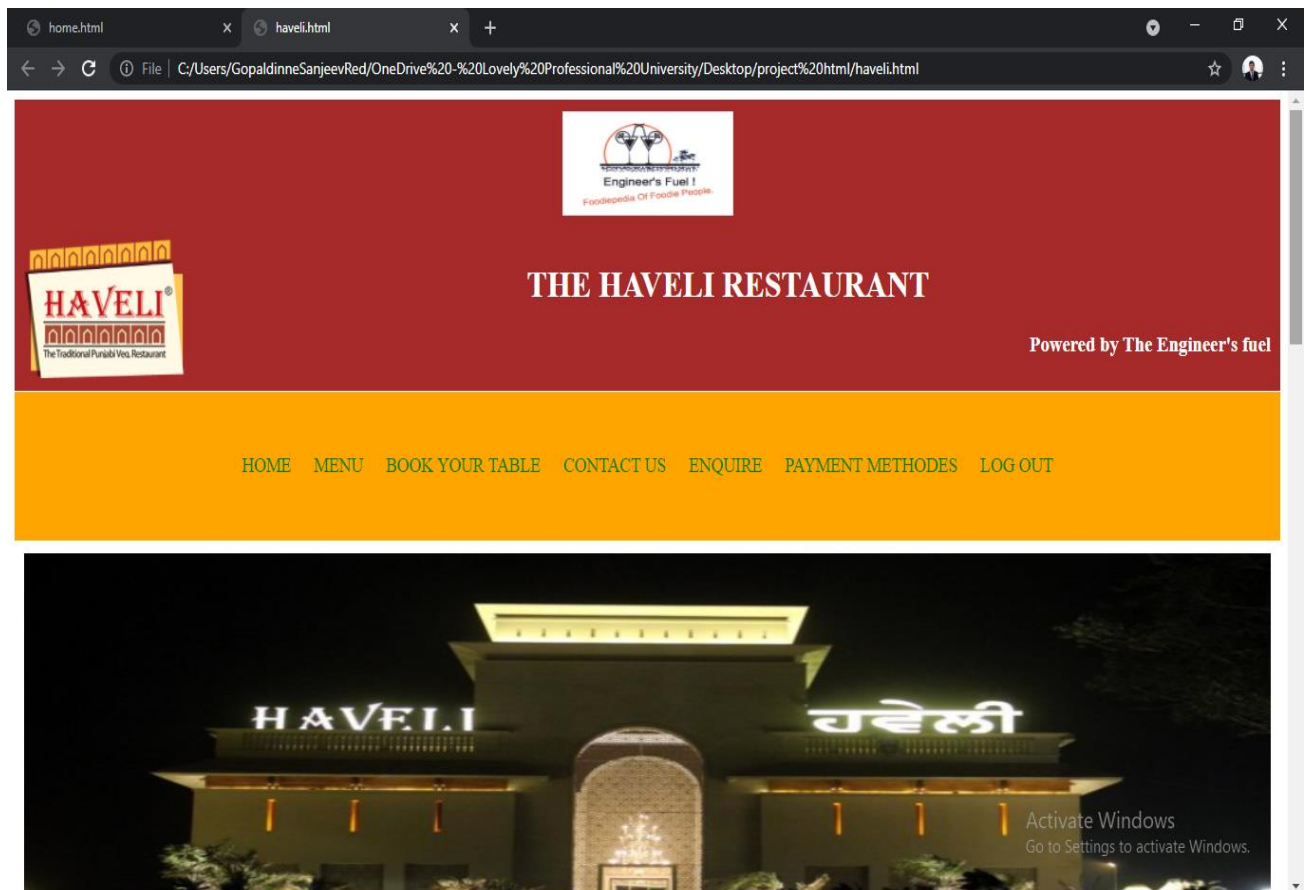
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About us
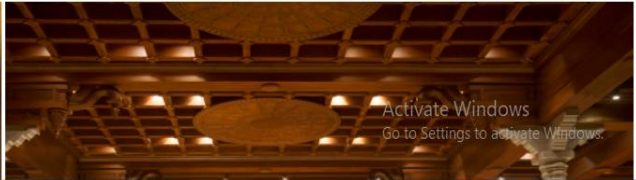
Haveli stands as a tribute to the glorious past & lifestyle of Punjab. The rich culture of Punjab is well depicted in the ambience & hospitality of Haveli.

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.

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Menu

To Book a Table

Contact Us

Enquiry

Payment

Login/ Signup

The Park Restaurant

The East Cost Wings Restaurant

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About us

Back in 1995, East Coast Wings was just one restaurant in Winston-Salem, NC. But that one restaurant had a fanatical following. In 2001, Sam Ballas and Steve G. Kontos, two entrepreneurs with over 40 years of combined restaurant experience, decided to purchase the restaurant and build upon the formula. By bringing in industry experts such as Tom Scalese, they reworked and expanded the concept to introduce a new and improved Buffalo-style wing menu that is known today as East Coast Wings + Grill. They focused on creating a warm and inviting atmosphere paired with fresh, quality menu items.

THE FRESH FLAVOR EXPERIENCE

East Coast Wings + Grill is known today for a casual, full-service dining experience that focuses on our delicious food. Bar service complements the dining experience, making our restaurants more family friendly with a much higher than average ticket. Our franchisees set out to embrace the communities that they serve, ensuring a relationship that brings customers back time and time again, and creating brand advocates.

In addition to a fantastic casual dining atmosphere and quality service, what keeps our customers coming back for more is our food. Wings are the star of our menu, offering over 50 flavors and 8 heat levels that are mixed to order. With hundreds of flavor and heat combinations, you could come to one of our restaurants every day for years and never get the same flavor experience twice! Not surprisingly our customers do just that and make more frequent visits to experience new flavor combinations.

EAST COAST WINGS = FRESH. FAMILY. FUN!

East Coast Wings + Grill's signature is our Buffalo-style chicken and shrimp, but our award-winning food doesn't stop there. There are salads, wraps, burgers and sandwiches, all prepared fresh to order. It's the freshness and flavor that makes East Coast Wings + Grill so appealing.

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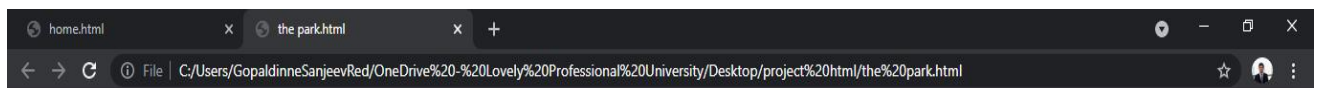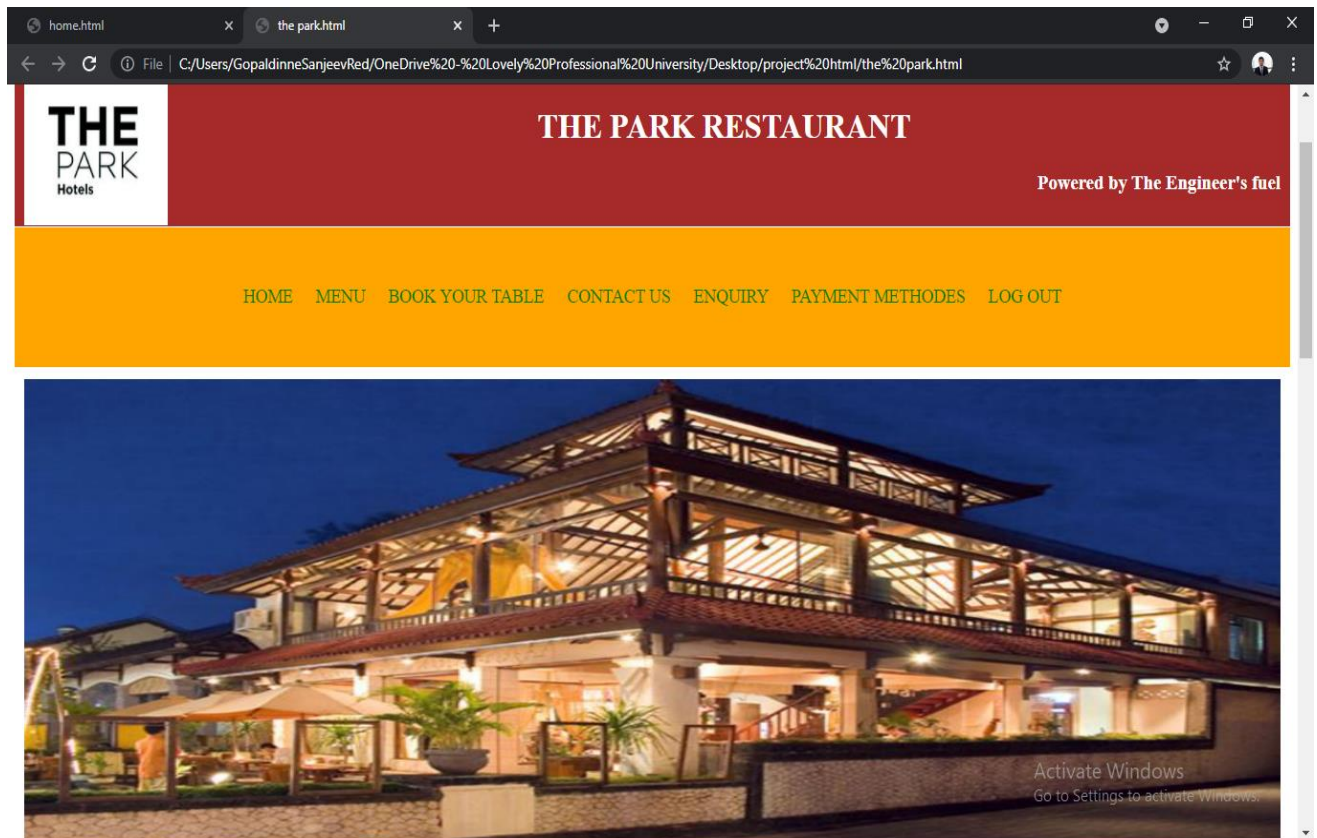
SO MANY OPTIONS – SOMETHING FOR EVERYONE!

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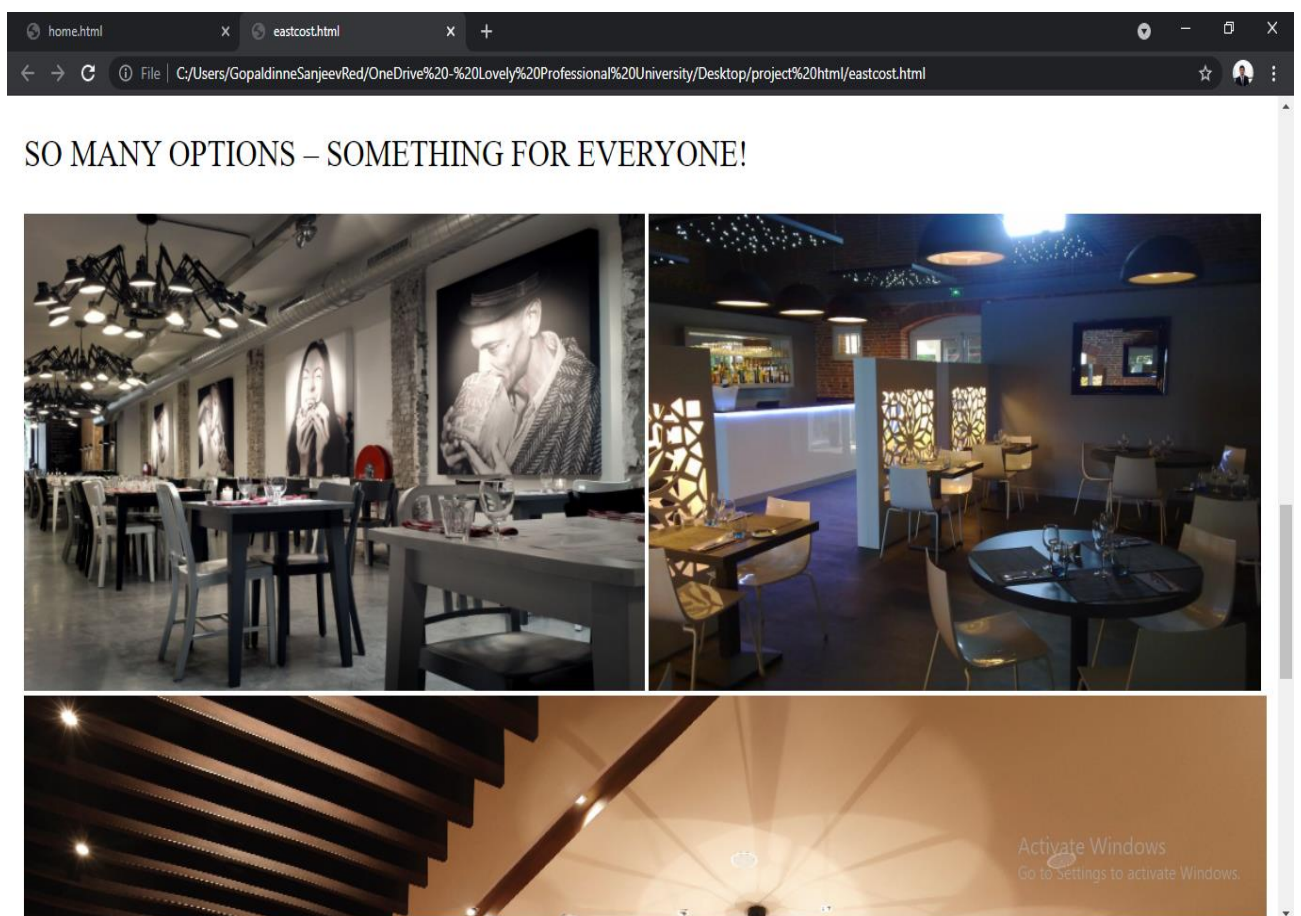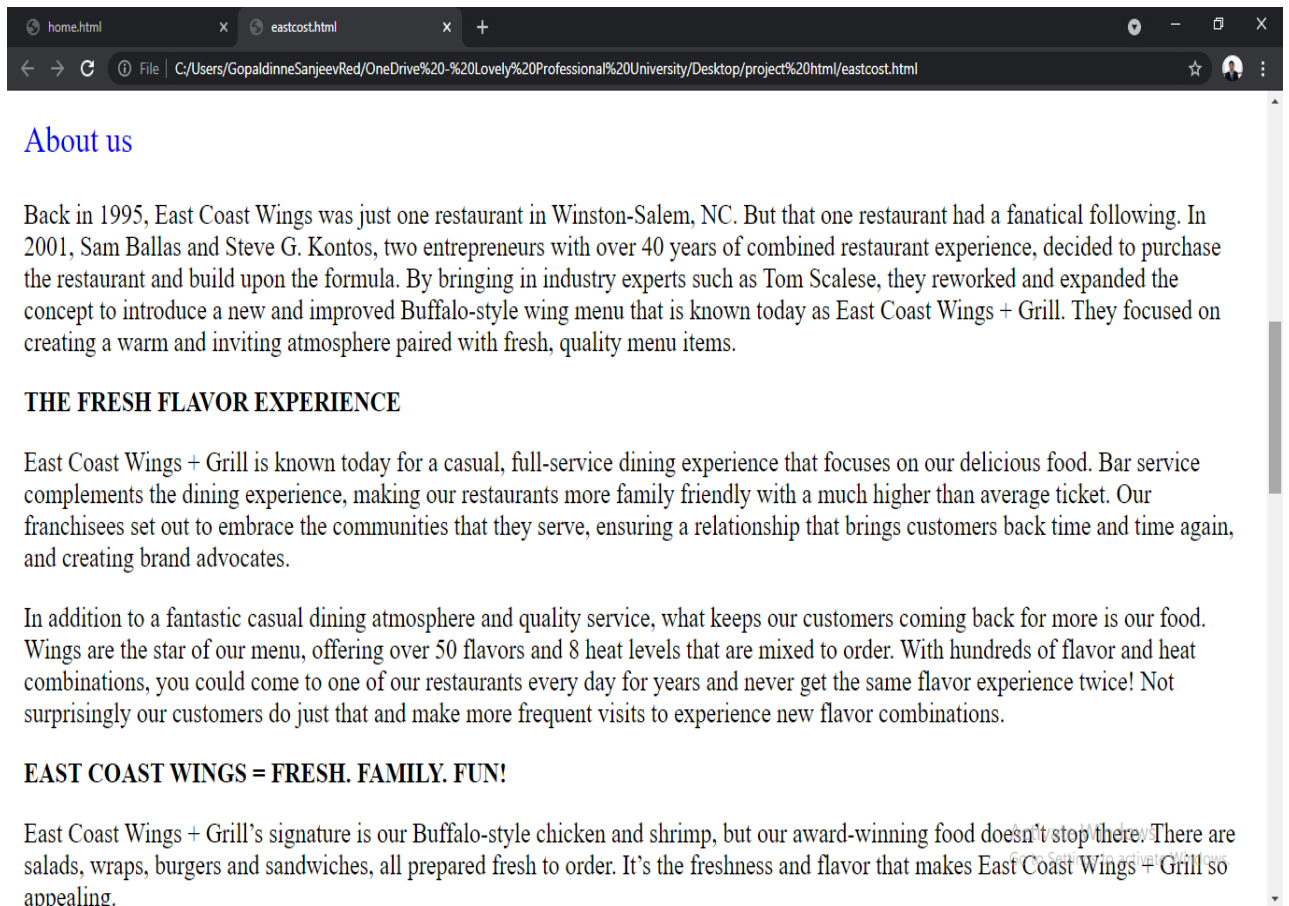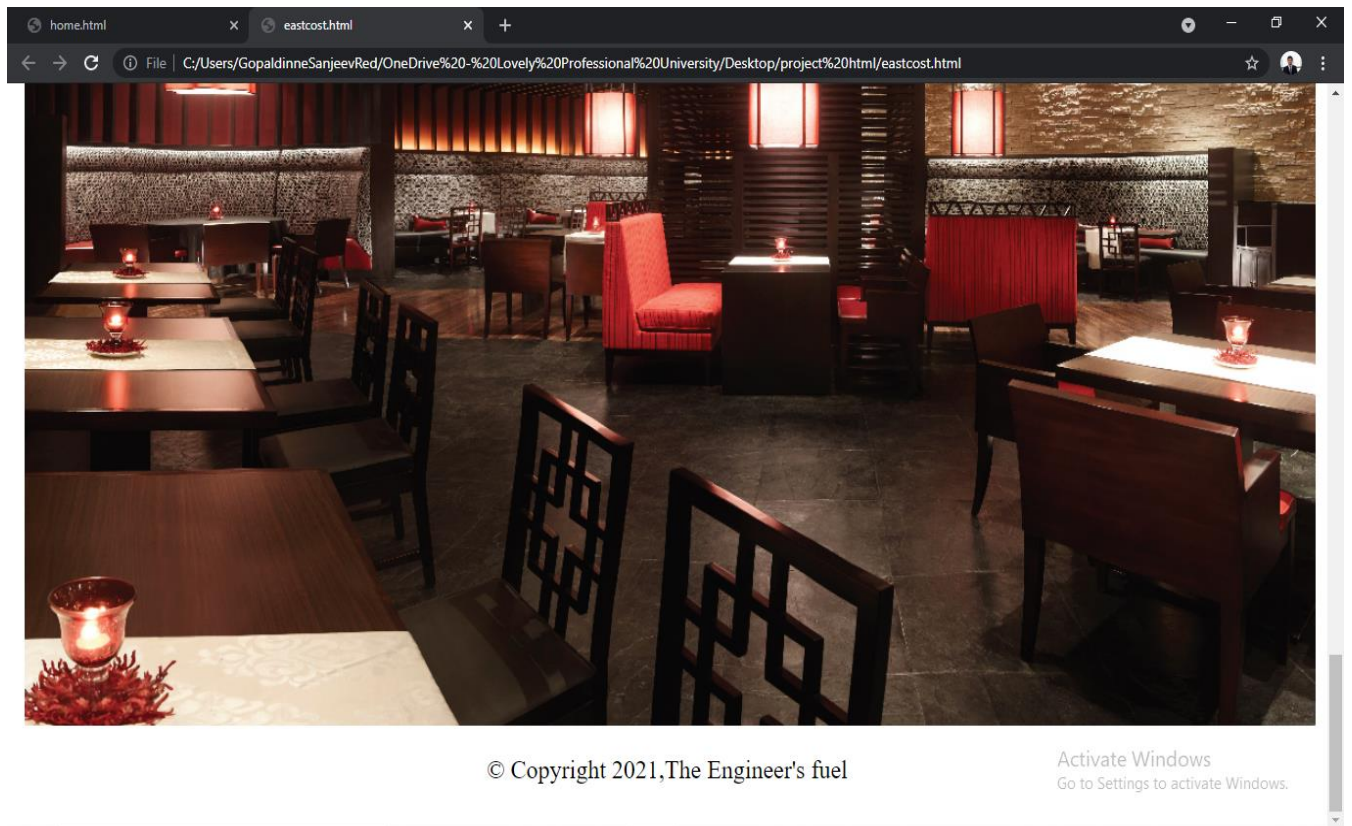## 6. References

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