

## **Assignment 1**

### **HTML & CSS WEB APPLICATION DEVELOPMENT**

I have created a website for a restaurant named “Booze on a cruise”. This website is about a cruise restaurant where people can have a weekend gateway with an amazing ocean view. This website will give people the option to book a room and table with numerous options for beverages and cuisines.

This web project consists of 5 pages:

1. Home
2. Menu
3. Gallery
4. Reservation
5. Contact Us

All pages have a fixed navigation bar and background color. Moreover, the name of the Restaurant “Booze on a cruise” which is placed on the right side of the navigation bar is clickable, and when clicked it will redirect the viewer to the google page(<https://www.google.co.in/>). To make it more attractive, I used text animation in the restaurant name.

Here, I have ensured that my web project is valid and has separate HTML and CSS content. And also compatible with every screen size.

I ensured that I fulfilled all the general requirements mentioned in the document. Below are the details.

- Links to both your own pages and external web pages. – Page 1 (Home)
- A navigation bar – Pages 1-5 (navigation bar is fixed for all pages)
- At least one table used in an appropriate manner – page 4 (Reservation)
- At least one table (ordered or unordered) – Page 2 & 5 (Menu)
- At least five CSS3 and four HTML5 specific elements – All pages
- Make use of CSS positional properties (e.g position, float) – All pages
- Make use of both inline and block elements – page1 and 5 (Home,Contact Us)

Further, we will have more elaborate descriptions on each page.

To create this web project. I referred to the below tutorial for HTML and CSS

- <https://www.w3schools.com/html>
- <https://www.w3schools.com/css>

I referred to this document to get a general understanding of different styling methods and adding to that I have made my own changes as per web project requirements. I have mentioned references in the bibliography section.

## 1. Home page

The home page consists of a navbar, footer, quote, and content with an image in the background.

Since the navigation bar is common for all pages so navbar style sheet is present in a common CSS file (design.css). The navbar has links to navigate to other pages. Text with the animation feature of CSS is used to display animation in the restaurant name.

It consists of a footer with a link that will redirect the viewer to my mail id.

I have download images from google for a background image.

This web project fulfilled the assignment requirement mentioned below.

- Links to both your own web pages and external web pages.
- A navigation bar
- Make use of both inline and block elements

## 2. Menu

An unordered list with div is used on this page to display different beverages and cuisine pictures.

As background color and navigation bar are common on all pages. I have included design.css in every HTML page.

I have displayed images in a 4\*4 grid layout. This page includes CSS features like position: float, and absolute to display images.

This web project fulfilled the assignment requirement mentioned below.

- Make use of CSS positional properties(e.g position, float).
- A navigation bar

## 3. Gallery

The gallery page displays various different themes of cruise restaurants. This page includes a div with a CSS grid layout to display the image. It also includes a CSS float feature with a width of 25% to create equal columns that float next to each other. This page also includes animation and transition on hovering.

This web project fulfilled the assignment requirement mentioned below.

- Make use of CSS positional properties(e.g position, float).
- A gallery page (e.g. page displaying images multiple images in a structured format).
- A navigation bar

## 4. Reservation

In this page, there is a static reservation form that will allow customers to book a table or room. This page includes one table showing different benefits available for prime customers if they opted for these benefits. Furthermore, this page also consists of two videos with a control option so that users can play and pause as per our wish.

I also tried CSS layout to wrap images with text which we usually see in newspaper layouts.

This web project fulfilled the requirement mentioned below.

- At least five CSS3 and four HTML5 specific elements
- A navigation bar
- At least one local or embedded video

#### **5. Contact Us.**

This page includes contact detail like phone number and email (which will redirect it to my mail id) on the background image. This page includes inline-block and block features of CSS.

This web project fulfilled the assignment requirement mentioned below.

- Make use of both inline and block elements.

In going beyond and exploring, I have used below features of HTML and CSS to make my website responsive.

1. CSS text animation to display the name of the restaurant in home page (page1)
2. CSS image box animation to display an animated image in gallery.
3. Image wrap with text in the reservation section.
4. Hoverable button in the contact section.
5. Split screen in navbar for left and right alignment.

## **BIBLIOGRAPHY**

I have referred to the below website and tutorial to build this web project

**1. Web Page Tutorial:** <https://www.w3schools.com/>

**2. HTML Form Element:**

(no date) *HTML form elements*. Available at:

[https://www.w3schools.com/html/html\\_form\\_elements.asp](https://www.w3schools.com/html/html_form_elements.asp) (Accessed: October 18, 2022).

**3. CSS text animation:**

(no date) *Flip text animation - codepen*. Available at:

<https://codepen.io/alvarotrigo/pen/bGrXmwM> (Accessed: October 18, 2022).

**4. Navbar on Image:**

*How to - navbar on image* (no date) *How To Place a Navigation Menu on an Image*.

Available at: [https://www.w3schools.com/howto/howto\\_css\\_navbar\\_image.asp](https://www.w3schools.com/howto/howto_css_navbar_image.asp)  
(Accessed: October 18, 2022).