

ICT1

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ICT PROJECT

Travel Along – A Travel Agency Website

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Introduction

For our project I built a travel agency website called *TravelAlong*. This website allows users to go through the company's distinct features and services along with testimonials and contact links. We developed it using HTML, CSS, JavaScript, leveraging modern front-end practices to ensure fast loading and smooth navigation. This report outlines the design, decisions and implementation, and the challenges we faced.

Why we Chose *TravelAlong* ?

1. I wanted to use HTML, CSS, and JavaScript to create a project that would demonstrate my front-end abilities.
2. Travel is a topic that users can relate to and find interesting because it is a universal interest.
3. The project gave me the chance to experiment with interactive features like booking forms and responsive design.
4. It was an opportunity to develop a useful tool that could assist users with travel planning and destination exploration.
5. Creating a website for a travel agency allowed me to experiment with UI/UX and felt creative.

What problems does *TravelAlong* solve ?

1. Offers a central location for travel information: Customers can easily locate information about your company's offerings, locations, and contact information.

2. Simplifies the booking process: Users can easily contact the booking form and make hassle-free travel reservations.
3. Establishes credibility: Reviews and highlighted locations aid in establishing credibility with prospective clients.
4. Saves time: Users don't need to navigate through several pages or websites to get a quick overview of what you offer.
5. Boosts conversions: Users are prompted to take the next step and make travel arrangements by a clear call-to-action (booking form).

Objectives

1. To Create a basic Landing Page with a Booking Form For TravelAlong.
2. To understand the use of HTML, CSS, JavaScript.
3. Improve basic ICT skills.
4. To Improve Formatting and Designing of a Website
5. To Redirect Links and Hover Effects

Scope of TravelAlong

What is Included?

1. A Navigation bar at the front.
2. Buttons on the navigation bar which are interactive and have hover effect.
3. A Book Now Interactive button.

- 4.A Destination Section with photos of Landmarks.
- 5.A Services Page with Abstract Photos.
- 6.A Testimonial Page with reviews.
- 7.A Contact Section which indicates the number and email of *TravelAlong*.
- 8. Links and buttons to respected Social Media platforms which are also Interactive

What is Not Included?

- 1.A Theme Change button
- 2.A Picture Slider
- 3.A New Page
- 4. Backend Functionality
- 5. Advanced Booking
- 6. Multi Language Support
- 7. User Accounts

Tools and Technologies Used

- 1. HTML
- 2. CSS
- 3. JS
- 4. Git
- 5. GitHub
- 6. VS Code

Implementation

Main Features

- 1.Smooth Scrolling navigation - anchor links that help in scrolling the page
- 2.Contact Links – Redirects to Social Media Platforms – We have used Freelcon.com to extract links for the icons for Instagram , Facebook and Twitter.They have been incorporated using the <a> tag.
- 3 Hover Button Navbar as well as Contact Buttons - Using a hover effect on the button in the navigation bar adds interactivity and makes the UI feel more responsive.The hover effect illuminates the button when the user's cursor travels over it, improving usability and providing visual feedback about what is clickable.The hover effect is accomplished with CSS using the ::hover selector.When hovered,the background or text color of the button appears to go from black to blue.This easy transition adds a modern and fun feel to the navigation bar.
- 4.Hover Effect on Pictures – In this project we have made it in such a way using the ::hover method in CSS that whenever we place our cursor on a pic it changes it place by 2in up i.e. in the y-axis.
- 5.A new and stylish typeface will improve legibility and create a modern and aesthetically pleasing website appearance. It will help create a unique visual style that reflects the tone of the project. Other fonts are imported from an online library,such as Google-Fonts, and put them to use in web development projects.The typeface is implemented using CSS by declaring the font-family property.The font will make the entire interface look more polished, cohesive, and clean.

Short Explanation of Modules

Module 1: ICT_Project.html

In this Module we have used multiple in-built tags such as nav, span, div, id, class, a, img, etc. The title of the page has been changed to ICT_Project and in the head part most of the work has been done. In the beginning initialization for font connection, pic connection and have added links to connect external style and script. As the HTML file reads along, we have divided it into sections, first the navbar with 3 list items the 3-4 similar section. Each section plays a different role and has direct link to photos from the web. In each section tag h1 and h2 have been used frequently and each paragraph or box has their own identity that is implemented by id or class tag. Ending off the file with another list to place the contact. It is an unordered list to showcase the icons and email information.

Module 2: ICT_Project.css

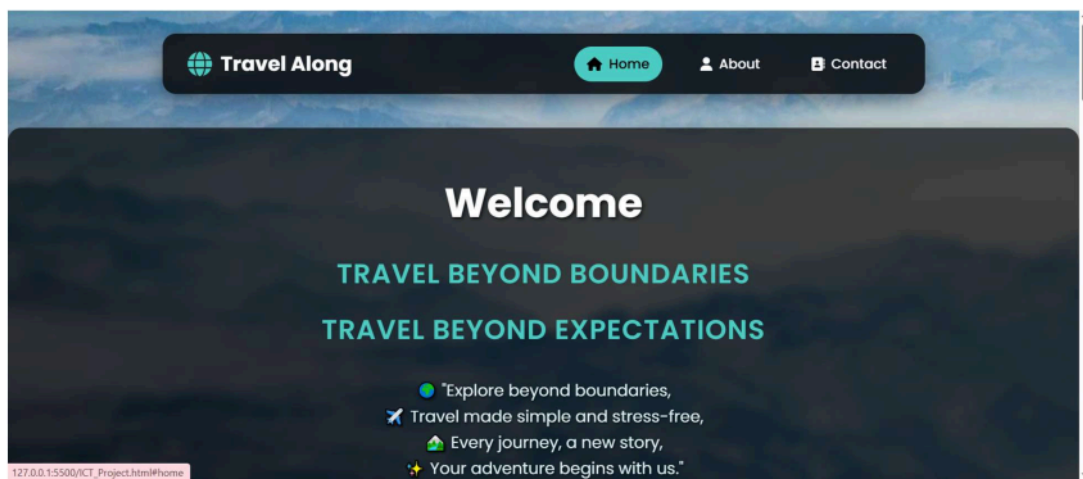
In the ICT_Project.css file, we established foundational style rules to manage the appearance and the layout of the web page. We integrated margin and padding resets to create uniform spacing, used class and ID selectors to style particular elements, and established color standards and background images to support a consistent style. We established font settings using external imports, and typography styles for headings, paragraphs, and navigation links. As needed, Flexbox was used to align and position elements. We also used styling to size images and prepare them for responsiveness, and ::hover styling was established for interactive elements, mainly buttons, links, and icons. Overall, the CSS file maintains all page formatting, separations between components, and styling order and user experience.

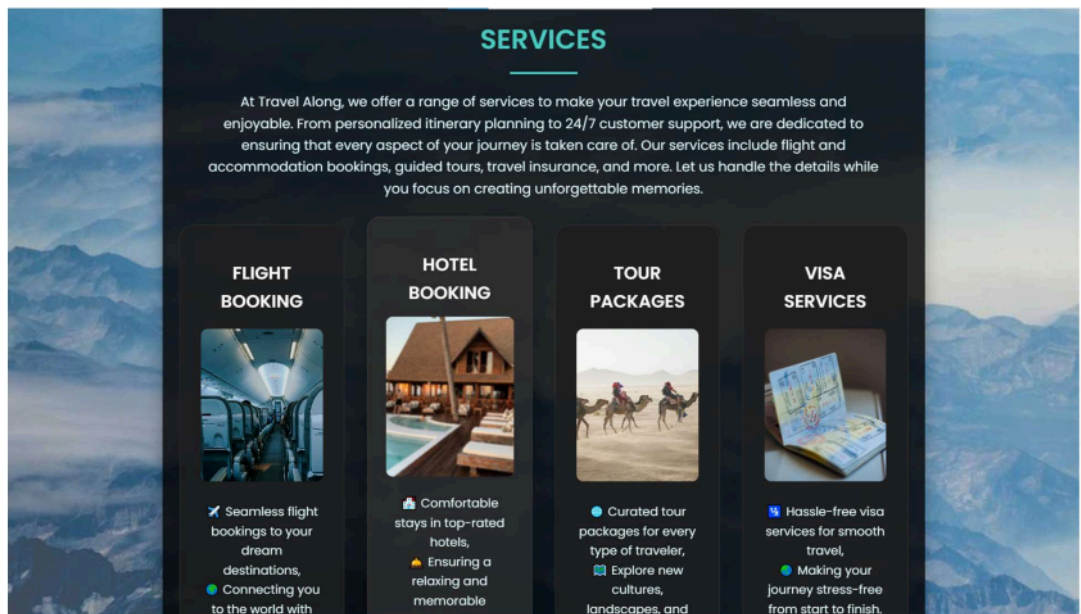
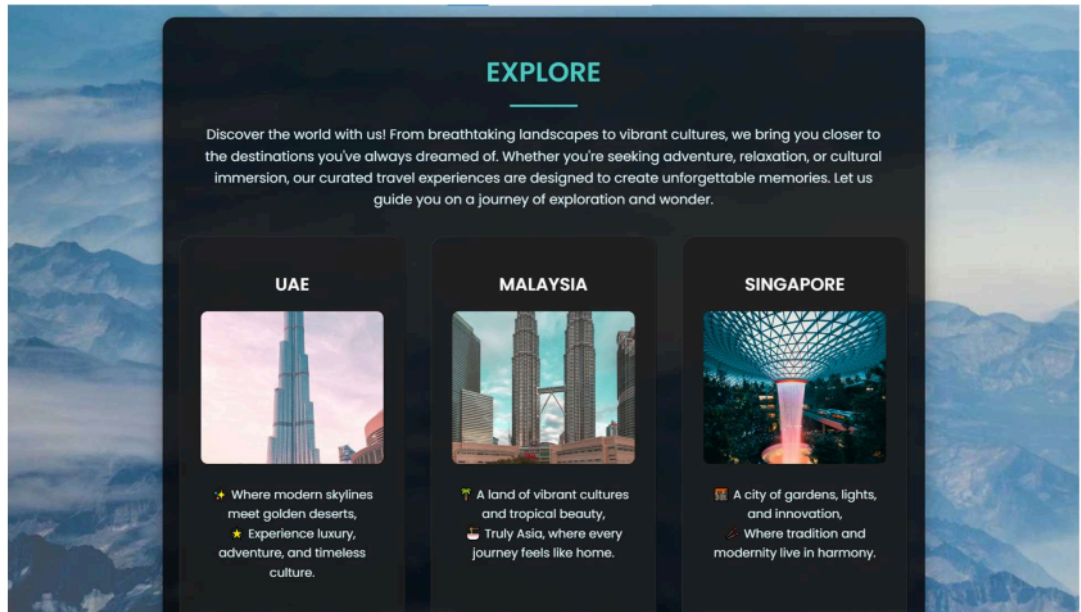
Module 3: ICT_Project.js

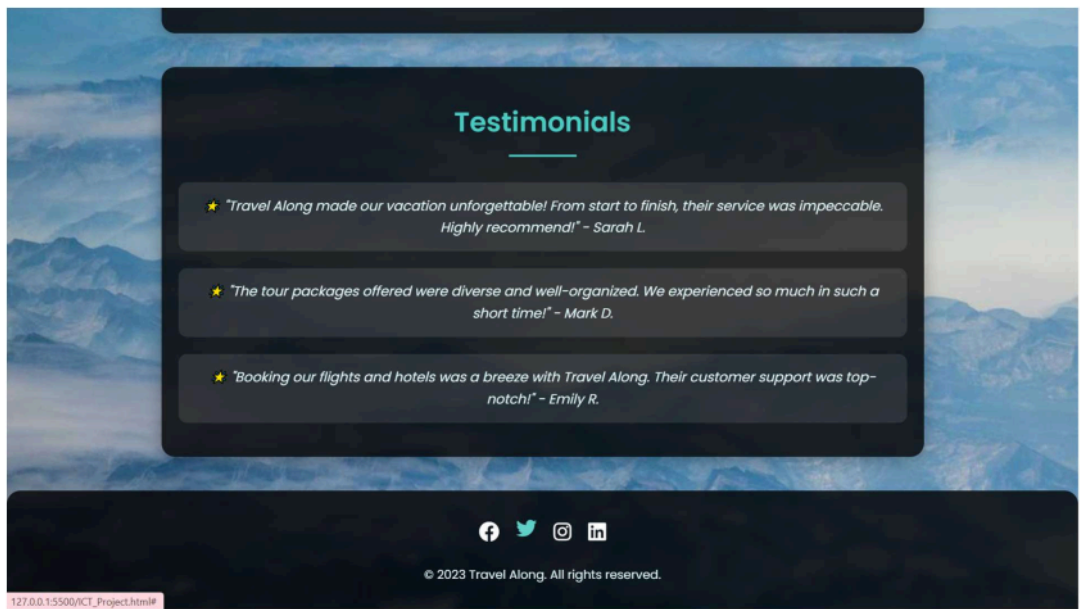
We have used JavaScript in the module ICT_Project.js to give our website dynamic behavior and interactivity. Particularly, we set an event listener to the main header, which changes color and shows a custom alert in response to a click. To create a greeting message as soon as the page loaded, we also made use of the window.onload event.

Regarding the booking system we developed, we built features linked to opening and closing the popup overlay by modifying the element's display attribute. Using template literals, the submitForm() function captures the user input from the text boxes, runs a basic validation check ensuring none of the fields are empty, and then presents a confirmation notice. The popup will close on its own once successfully submitted. Our JavaScript file generally managed the user interaction, the form validation, the event handling, as well as the visual feedback throughout this process.

Snippets







THANK YOU

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Muhammad Arif

Hafsa Mukarram

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