

THE ROAD

A Micro Project Report

Submitted by

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BONAFIDE CERTIFICATE

Bonafide record of the work done by [A.MOHAMED YASIN] - [99220040381] in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Specialization of the Computer Science and Engineering, during the Academic Year [Even/Odd] Semester (2023-24)

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Abstract

The goal of this project is to create and launch an all-inclusive online travel booking portal that provides visitors with a single point of contact to research and reserve a variety of travel-related services. The main goal is to offer a visually beautiful, efficient, and user-friendly website that makes it easier to book hotels, flights, rental cars, and tour packages, meeting a variety of traveler needs and preferences.

The website has a responsive design, which makes it easy to use on a variety of screens and devices, including smartphones and desktop computers. With the use of HTML, CSS, and JavaScript, the project highlights a simple, contemporary design with user-friendly navigation and interactive features to improve the user experience.

Contents

1	PROJECT OVERVIEW	1
1.1	INTRODUCTION	1
1.2	KEY HIGHLIGHTS OF THE PROJECT	1
1.3	OBJECTIVE	2
2	PROJECT FRAMEWORK AND EXECUTION	4
2.1	TECH STACK	4
2.1.1	CSS (Cascading Style Sheets):	4
2.2	TIMELINE OF WORK PROPOSAL	5
2.3	STEP BY STEP PROCESS	5
2.3.1	Project Planning	5
2.3.2	Design Phase	6
2.3.3	Development Setup	6
2.3.4	Build the Website	6
2.3.5	Testing	7
2.3.6	Deployment	7
2.3.7	Maintenance and Updates	7
2.3.8	Promotion	7
3	IMPLEMENTATION DETAILS	8
3.1	Source code	8
3.1.1	HTML	8
3.1.2	CSS	11
3.1.3	JAVASCRIPT	13
4	Conclusion and Future Work	17
4.1	CONCLUSION	17
5	References	19
6	Certification	20

Chapter 1

PROJECT OVERVIEW

1.1 INTRODUCTION

Greetings from THE ROAD: Your Passport to Memorable Travels

Take a trip unlike any other with the road, the top location for tourists looking for life-changing encounters. Our easy-to-use website, designed using the newest HTML technology, provides you with a smooth interface to plan, organize, and reserve your next excursion.

The road puts the world at your fingers, whether your dreams are of the tranquil beaches of the Maldives, the towering peaks of the Himalayas, or the energetic streets of Paris. Every traveler's fantasy is catered to by our wide selection of locations, carefully chosen lodging, and customized vacation packages.

At the road, we think that traveling is about creating lifelong experiences, not only about seeing new places.

1.2 KEY HIGHLIGHTS OF THE PROJECT

- The Road has an easy-to-use layout that makes browsing and booking effortless. It is meant to improve user experience and simplicity of navigation.
- The Road incorporates a secure payment gateway to enable hassle-free and secure transactions, giving consumers peace of mind while making online purchases.
- Through the use of responsive design, the project is made to be accessible and user-friendly across a variety of platforms, including PCs, tablets, and smartphones.

Details that are precise and succinct: Make sure that the content is easily readable and has a clear structure to help users find what they're looking for.

The foundation of the project is HTML, which provides the organization and design for displaying lists, tasks, and other crucial components of the to-do list application. The project uses HTML to make sure that it is compatible with a variety of web browsers and devices, so users can view their to-do lists from any location with an internet connection.

By formatting the HTML components, improving the visual appeal, and fostering a consistent user experience, CSS is essential to the project. The project uses CSS to create responsiveness, design consistency, and customization possibilities, making the to-do list application visually appealing and easy to use.

The TO DO LIST PROJECT gains functionality and interaction from JavaScript, allowing for features like real-time updates and task creation, editing, and deletion. The project uses JavaScript to provide a dynamic user interface that makes it easy and efficient for users to interact with their jobs. To further improve the to-do list application's efficiency, JavaScript makes it easier to include sophisticated features like task prioritizing, deadline reminders, and progress monitoring.

Ultimately, the TO DO LIST PROJECT's main selling point is its comprehensive integration of HTML, CSS, and JavaScript to produce a strong, feature-rich, and easy-to-use task management platform that enables users to efficiently arrange their activities and reach their objectives.

1.3 OBJECTIVE

Showcasing destinations and streamlining the initial steps of the booking process are probably the primary goals of an HTML-built travel booking website. This is an explanation:

Highlighted Locations:

Draw in Visitors: Employ HTML to organize interesting text that features eye-catching pictures and videos to persuade readers to look into other vacation possibilities.

Informative Content: To assist users in making travel plans, include comprehensive details about locations, activities, attractions, and cultural facets.

Start Bookings: Simplified Search: Make it simple for consumers to look up places using criteria like dates, price range, and hobbies.

Clear Availability & Pricing: Present up-to-date details on flights, accommodations, packages, and activities that are available, along with the associated costs.

User-Friendly Forms: Provide consumers with easy-to-use forms to show interest, ask for estimates, or make initial reservations.

The framework (text and structure) is provided by HTML, however complete booking capability is not available. It may be necessary to do more backend work (probably in languages like CSS and JavaScript) in order to manage bookings, perform secure transactions, and interact with payment systems.

The overall goal of this HTML project is to create an intuitive and educational platform that draws in prospective tourists, showcases alluring travel locations, and starts the booking process.

Chapter 2

PROJECT FRAMEWORK AND EXECUTION

2.1 TECH STACK

HTML (Hypertext Markup Language):

HTML forms the backbone of the website's structure, defining the content and layout of web pages.

It provides the framework for organizing text, images, forms, and other elements in a structured manner.

2.1.1 CSS (Cascading Style Sheets):

The style and formatting of the website's visual presentation are done with CSS.

It makes it possible to alter fonts, colors, layouts, and other design elements to produce aesthetically beautiful and intuitive user interfaces.

CSS frameworks such as Materialize and Bootstrap With CSS, front-end development can be made more efficient and responsive to a variety of screen sizes and devices.

JavaScript: JavaScript improves user engagement functionality by bringing dynamic behavior and interactivity to the page.

React.js and other JavaScript libraries make it easier to create reusable components and handle state, which streamlines front-end development and boosts efficiency.

2.2 TIMELINE OF WORK PROPOSAL

Phase 1: Outlining and Compiling Needs

Establish the project's scope by deciding on the goal, target market, and features that the website should have.

Content Gathering: Get data about trip packages, hotels, activities, prices, and destinations.

Designing the user interface (UI) of a website involves organizing its overall visual design, navigation, and layout.

Phase Two: Constructing

HTML Coding: Use HTML to create the website's navigation, destinations, booking forms, and contact details, among other pages.

CSS styling: Use CSS styles to make a website that is both aesthetically pleasing and easy to navigate.

Image and Video Optimization: Improve the user experience and speed up loading times by optimizing images and videos.

Phase 3: Implementation & Testing

Testing & Debugging: Make sure the website functions as planned by thoroughly testing it on a variety of browsers and devices.

Website Deployment: Set up the domain name and upload the website files to a web hosting company.

Extra Things to Think About:

Integration with Booking System (Optional): HTML must be integrated with a back-end solution (such as PHP or Python) if you want a fully functional booking system. Depending on the technology chosen, this will take more time to develop.

Integration with a content management system (CMS): If you want to make future content updates easier, think about utilizing a CMS like WordPress. The development time may increase by one or two days if an existing CMS is integrated.

2.3 STEP BY STEP PROCESS

2.3.1 Project Planning

- a) **Define Objectives:** Clearly outline what you want your website to achieve.
- b) **Research:** Look into similar websites for inspiration and best practices.
- c) **Identify Target Audience:** Understand who your users will be (Working people, Time management persons).

2.3.2 Design Phase

- a) **Sketch Wire-frames:** Draft the basic layout of your web pages (homepage, listing page, contactform).
- b) **Create Mock-ups:** Use design tools to create detailed mockups of your website.
- c) **Choose Color Scheme and Fonts:** Select colors and fonts that reflect the classic car niche.

2.3.3 Development Setup

- a) Select Development Tools: Choose the code editor (e.g., VS Code) and other tools you'll use.
- b) Organize File Structure: Create a clean directory structure for your HTML, CSS, and JavaScript files.

2.3.4 Build the Website

- HTML Structure**
- a) Homepage: Develop the HTML structure, focusing on semantic elements for better SEO.
 - b) Listing Pages: Create the HTML for car listings, including placeholders for images, descriptions, and details.
 - c) Contact Form: Add a form for buyers to contact sellers or make inquiries.

CSS Styling

- a) Global Styles: Define global styles for body, headers, and paragraphs.
- b) Responsive Design: Use media queries to ensure your website looks good on all devices.
- c) UI Components: Style buttons, forms, and navigation elements for a cohesive look.

JavaScript Functionality

- a) Dynamic Content: Write JavaScript to dynamically load food listings from an array or external database.
 - b) Search and Filter: Implement search and filter capabilities to help users find foods from various servers.
 - c) Form Validation: Add client-side validation to the contact form to ensure data integrity.
-

2.3.5 Testing

- a) Cross-Browser Testing: Check your website in different browsers (Chrome, Firefox, Safari) for compatibility.
- b) Responsive Testing: Test on various devices to ensure the layout adjusts correctly.
- c) Functionality Testing: Ensure all interactive elements work as intended (e.g., search, contact form submission).

2.3.6 Deployment

- a) Choose a Hosting Provider: Select a platform to host your website (e.g., GitHub Pages)
- b) Upload Your Website: Use FTP or your host's deployment tools to upload your website files.
- c) Domain Name: Consider purchasing a custom domain name and linking it to your hosted site.

2.3.7 Maintenance and Updates

- a) Feedback: Gather user feedback for potential improvements.
- b) Update Content: Regularly update the latest food to keep the site fresh.
- c) Monitor Performance: Use tools like Google Analytic to monitor site traffic and user behavior

2.3.8 Promotion

- a) SEO Optimization: Optimize your site for search engines to improve visibility.
- b) Social Media: Promote your website on social media and related forums to attract users.

Chapter 3

IMPLEMENTATION DETAILS

3.1 Source code

3.1.1 HTML:

```
<!DOCTYPE html>
<html lang="en" xmlns:mso="urn:schemas-microsoft-com:office:office" xmlns:msdt="uuid:C2F41010-65B3-
11d1-A29F-00AA00C14882">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <link
      href="https://fonts.googleapis.com/css?family=Vollkorn:400,400i,600,700,900&display=swap"
      rel="stylesheet"
    />
    <link rel="stylesheet" href="style.css" />
    <title></title>

    <!--[if gte mso 9]><xml>
      <mso:CustomDocumentProperties>
        <mso:display_urn_x003a_schemas-microsoft-com_x003a_office_x003a_office_x0023_Editor
          msdt:dt="string">Clara
                                                    Joseph</mso:display_urn_x003a_schemas-microsoft-
com_x003a_office_x003a_office_x0023_Editor>
        <mso:Order msdt:dt="string">977900.0000000000</mso:Order>
        <mso:ComplianceAssetId msdt:dt="string"></mso:ComplianceAssetId>
        <mso:SharedWithUsers msdt:dt="string"></mso:SharedWithUsers>
        <mso:_ExtendedDescription msdt:dt="string"></mso:_ExtendedDescription>
        <mso:display_urn_x003a_schemas-microsoft-com_x003a_office_x003a_office_x0023_Author
          msdt:dt="string">Clara
                                                    Joseph</mso:display_urn_x003a_schemas-microsoft-
com_x003a_office_x003a_office_x0023_Author>
        <mso:ContentTypeId
          msdt:dt="string">0x0101007AF853F3FE6B504C915F2343DFBD0DA8</mso:ContentTypeId>
        <mso:_SourceUrl msdt:dt="string"></mso:_SourceUrl>
        <mso:_SharedFileIndex msdt:dt="string"></mso:_SharedFileIndex>
        <mso:MediaLengthInSeconds msdt:dt="string"></mso:MediaLengthInSeconds>
      </mso:CustomDocumentProperties>
    </xml><![endif]>
  </head>
```

```

<body>
  <div class="container">
    <!-- Navbar -->
    <div class="open-navbar-icon navbar-icon center">
      <div class="line"></div>
      <div class="line"></div>
      <div class="line"></div>
    </div>
    <div class="navbar-wrapper">
      <nav class="navbar">
        <div class="close-navbar-icon navbar-icon center">
          <div class="line line-1"></div>
          <div class="line line-2"></div>
        </div>
        <div class="nav-list">
          <a href="#" class="nav-link center">Home</a>
          <a href="#" class="nav-link center">Tours</a>
          <a href="#" class="nav-link center">About Us</a>
          <a href="#" class="nav-link center">Offer</a>
          <a href="#" class="nav-link center">Contact</a>
        </div>
      </nav>
    </div>
    <!-- End of Navbar -->

    <!-- Header -->
    <header class="header center">
      <div class="header-text">
        <h1 class="heading">Around the world</h1>
        <p class="header-paragraph">
          "Traveling - it leaves you speechless, then turns you into a
          storyteller"
        </p>
      </div>
      
      <div class="logo">
        <h1>
          <span class="center">t</span>
          <span class="center">h</span>
          <span class="center">e</span>
          <span class="center">r</span>
          <span class="center">o</span>
          <span class="center">a</span>
          <span class="center">d</span>

```

code

Chapter 3. IMPLEMENTATION DETAILS

```

    </h1>
  </div>
</header>
<!-- End of Header -->

<!-- Popular tours -->
<section class="popular-tours">
  <h1 class="popular-tours-heading">The Most Popular Tours</h1>
  <div class="cards-wrapper">
    <div class="card">
      <div class="front-side">
        
        <h1 class="tour-name">The wild forest</h1>
        <ul class="card-list">
          <li class="card-list-item">7 days tour</li>
          <li class="card-list-item">Up to 20 people</li>
          <li class="card-list-item">4 tour guides</li>
          <li class="card-list-item">Sleep in private tents</li>
          <li class="card-list-item">Difficulty: medium</li>
        </ul>
        <button class="navigation-button">
          price >>>
        </button>
      </div>
      <div class="back-side center">
        <button class="navigation-button">
          <<< back
        </button>
        <h3 class="tour-price">$399</h3>
        <button class="card-button">Booking</button>
      </div>
    </div>
    <div class="card">
      <div class="front-side">
        
        <h1 class="tour-name">Along the river</h1>
        <ul class="card-list">
          <li class="card-list-item">9 days tour</li>
          <li class="card-list-item">Up to 30 people</li>
          <li class="card-list-item">7 tour guides</li>
          <li class="card-list-item">Sleep in private tents</li>
          <li class="card-list-item">Difficulty: hard</li>
        </ul>
        <button class="navigation-button">
          price >>>
        </button>
      </div>
      <div class="back-side center">

```

```

        <button class="navigation-button">
            &lt;&lt; back
        </button>
        <h3 class="tour-price">$499</h3>
        <button class="card-button">Booking</button>
    </div>
</div>
<div class="card">
    <div class="front-side">
        
        <h1 class="tour-name">The island beach</h1>
        <ul class="card-list">
            <li class="card-list-item">5 days tour</li>
            <li class="card-list-item">Up to 40 people</li>
            <li class="card-list-item">8 tour guides</li>
            <li class="card-list-item">Sleep in hotel</li>
            <li class="card-list-item">Difficulty: easy</li>
        </ul>
        <button class="navigation-button">
            price &gt;&gt;
        </button>
    </div>
    <div class="back-side center">
        <button class="navigation-button">
            &lt;&lt; back
        </button>
        <h3 class="tour-price">$599</h3>
        <button class="card-button">Booking</button>
    </div>
</div>
</div>
</section>
<!-- End of Popular tours -->

<!-- Stories -->
<section class="stories">
    <div class="video-container">
        <video class="bg-video" autoplay muted loop>
            <source src="images/video.mp4" type="video/mp4" />
        </video>
    </div>
    <div class="stories-wrapper">
        <div class="story-bg">
            <div class="story">
                
<div class="story-text">
  <h1 class="story-heading">
    These were the best days of this year
  </h1>
  <p class="story-paragraph">
    Lorem ipsum dolor sit amet consectetur adipisicing elit.
    Architecto quas, repudiandae veritatis nam mollitia cumque
    distinctio, quia aperiam aliquid at consequuntur libero
    quisquam facilis laborum inventore repellat perspiciatis vel
    fugiat molestias recusandae eum necessitatibus quo possimus
    aspernatur? Nobis, architecto eaque.
  </p>
</div>
</div>
<div class="story-bg">
  <div class="story">
    
    <div class="story-text">
      <h1 class="story-heading">
        I enjoyed this great tour
      </h1>
      <p class="story-paragraph">
      </p>
    </div>
  </div>
</div>
</div>
</section>
<!-- End of Stories -->

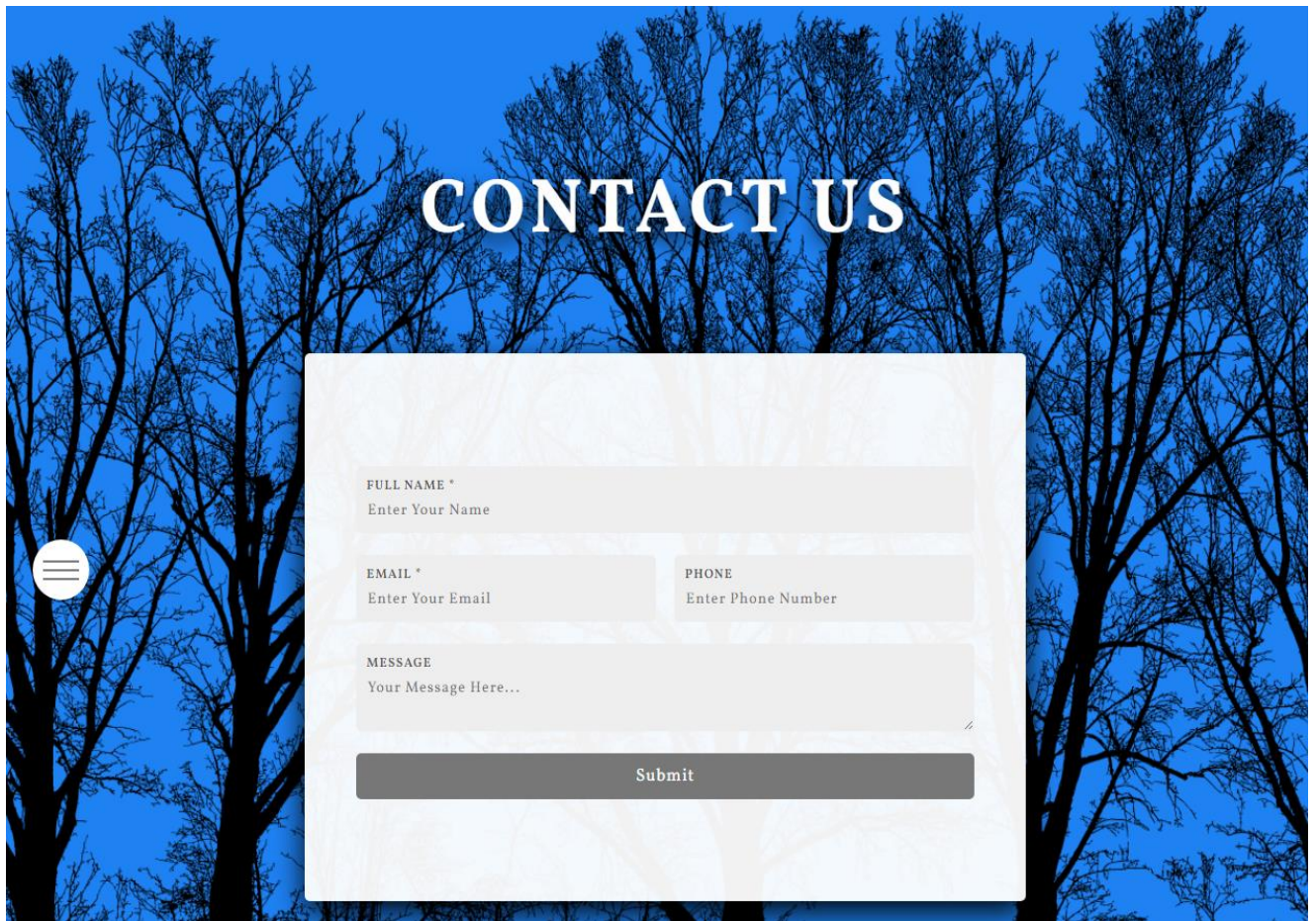
<!-- Contact -->
<section class="contact">
  <h1 class="contact-heading">Contact Us</h1>
  <form class="contact-form center">
    <div class="input-group">
      <label>Full Name *</label>
      <input
        type="text"
        class="contact-input"
        placeholder="Enter Your Name"
      />
    </div>

```




```
<div class="input-groups">
  <div class="input-group">
    <label>Email *</label>
    <input
      type="email"
      class="contact-input"
      placeholder="Enter Your Email"
    />
  </div>
  <div class="input-group">
    <label>Phone</label>
    <input
      type="text"
      class="contact-input"
      placeholder="Enter Phone Number"
    />
  </div>
</div>
<div class="input-group">
  <label>Message</label>
  <textarea
    class="form-textarea"
    placeholder="Your Message Here..."
  ></textarea>
</div>
<input type="submit" value="Submit" class="form-btn" />
</form>
</section>
<!-- End of Contact -->
```

IMAGE OUPUT:



CONTACT US



FULL NAME *
Enter Your Name

EMAIL *
Enter Your Email

PHONE
Enter Phone Number

MESSAGE
Your Message Here...

Submit

Chapter 4

Conclusion and Future Work

In conclusion, This HTML-based trip booking website is a great starting point to draw in customers and highlight the benefits of your offering. The visually stunning content, educational resources, and intuitive search functions will pique consumers' curiosity and point them in the direction of their ideal travel destinations. Even if the initial booking process is simplified with straightforward forms and availability displays, keep in mind that extra back-end development may be necessary to achieve full booking capabilities.

Improved Capabilities: Integration of Booking Systems: Incorporate a backend system (such as Python or PHP) so that customers may make reservations straight from the website. Emails confirming reservations, safe payment processing, and user account management fall within this category.

Booking & Availability in Real Time: Link your website to a real-time booking engine for lodging, travel, and events so that customers can view the availability and book instantly.

Chapter 5

References

1. HTML Form for Waste Reporting: https://www.w3schools.com/html/html_forms.asp3. JavaScript Donation Tracker: <https://codepen.io/tag/donation> 4. Creating Accordions with JavaScript: https://www.w3schools.com/css/tryit.asp?filename=trycss_display_js.
2. Bootstrap: <https://getbootstrap.com/> - A popular front-end framework that provides pre-built components and styles for faster and more responsive web design.
3. Material Design: <https://m3.material.io/> - A design language by Google with a focus on usability and visual consistency.
4. JavaScript libraries: Explore libraries like jQuery (<https://jquery.com/>) or React (<https://react.dev/>) for advanced functionality and code organization.

Chapter 6

Certification



Figure 6.1: Certification details