

**AN INTERNSHIP REPORT ON
WEB DEVELOPMENT**

Submitted by
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in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



VELAMMAL ENGINEERING COLLEGE, CHENNAI-66.
(An Autonomous Institution, Affiliated to Anna University, Chennai)
2024-2025

VELAMMAL ENGINEERING COLLEGE CHENNAI -66



BONAFIDE CERTIFICATE

Certified that this internship report “**D-ITINERARY TRAVEL WEBSITE**” is the Bonafide work of “**DHWARAGA P**” (113222041038) carried out at “**IZEON INNOVATIVE PVT LTD**” during 21.11.2024 to 13.12.2024.

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IZEON INNOVATIVE

Future of technology here

Date: 13/12/2024

Internship Completion Certificate

This is to certify that **DHWARAGA P** (Reg: 113222041038) is Pursuing 3rd Year ECE at Velammal Engineering College. She has completed 20 days of Internship as a Web Development at our **IZEON INNOVATIVE PVT LTD** from 21-11-2024 to 13-12-2024, during the period of internship.

We Congratulate you on your presence with us during this period completed. **TRAVEL WEBSITE Project**. We are confident that your contribution will take us further in our journey towards becoming world leaders. We assure you of your support for your professional development and growth.

We wish you all the best for your upcoming career.

For IZEON INNOVATIVE PVT LTD,

Authorized Signatory.



IZEON INNOVATIVE

No: 66, 3rd Floor, City Center, Thirumalai Pillai Road, T Nagar, Chennai - 600017
izeoninnovative.com

CERTIFICATE OF EVALUATION

COLLEGE NAME : VELAMMAL ENGINEERING COLLEGE
BRANCH : B.E - ECE
SEMESTER : V

Sl.NO	Name of the student who has done the Internship	Title of the Internship	Name of Faculty Coordinator with Designation
1	DHWARAGA P	WEB DEVELOPMENT	Mrs. P. RENUKA Asst Professor, ECE

This report of internship work submitted by the above student in partial fulfilment for the award of Bachelor of Electronics and Communication Engineering Degree in Anna University was evaluated and confirmed to be reports of the work done by the above student and then assessed.

Submitted for Internal Evaluation held on.....

Examiner 1

Examiner 2

Examiner 3

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ABSTRACT

This report presents an overview of the internship experience completed as part of the requirements for the B.E. Electronics and Communication Engineering program at Velammal Engineering College, Chennai-66.

The internship was undertaken at **IZEON INNOVATIVE PVT LTD** from **21.11.2024 to 13.12.2024**, providing practical exposure to web development technologies. Key areas of focus included **HTML** and **CSS**, which served as the foundation for understanding modern web development practices. The hands-on training sessions enabled the development of essential skills such as building user interfaces, designing responsive web pages, and incorporating interactive features.

The objective of this internship was to enhance technical expertise in web development and to gain insights into the practical applications of these technologies in creating functional and visually engaging websites. This abstract highlight the significance of the learning outcomes achieved during the internship.

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CHAPTER 1

INTRODUCTION AND COMPANY PROFILE

1.1 OVERVIEW

IZEON INNOVATION PVT LTD is a leading software development company specializing in a wide range of IT solutions. With over **17 years** of industry experience, the company has earned a stellar reputation for delivering high-quality services in areas such as **mobile app development, web design, cybersecurity, IT automation, cloud computing, and digital marketing**. During my time as an intern, I had the opportunity to work with a team of experts who are dedicated to providing innovative, efficient, and reliable technology solutions for clients worldwide.

It is a technology-driven company that provides end-to-end solutions in software development. The company focuses on delivering scalable, reliable, and customized IT solutions, ensuring client satisfaction. My internship allowed me to work closely with professionals in different departments, learning how the company implements cutting-edge technologies and strategies to meet business goals.

1.2. SERVICE OFFERED

During my internship, I was exposed to the following services that the company offers:

1.2.1. Software Development

IZEON provides comprehensive software development services, specializing in creating robust applications that meet the unique needs of clients. The team employs the latest technologies to ensure the applications are scalable, reliable, and high-performing.

1.2.2 Mobile App Development

The company is renowned for its mobile app development services, delivering user-friendly and highly functional apps for both iOS and Android platforms. I was involved in assisting the development process and learning about UI/UX design and coding techniques.

1.2.3 Cybersecurity Solutions

As part of their services, IZEON offers cutting-edge cybersecurity solutions to help businesses protect their data and systems from cyber threats. During my internship, I gained valuable insights into how the company integrates security features into software and mobile apps.

1.2.4 Other Services

In addition to the core services mentioned, IZEON also excels in:

- IT Automation Solutions to streamline business operations and improve efficiency.
- Cloud Computing Services to provide scalable and flexible solutions for businesses.
- Web Hosting and Software Testing Services to ensure optimal performance and reliability of websites and applications.

Digital Marketing and SEO Services to help businesses enhance their online presence and reach a wider audience. In addition to these core services, the company also excels in:

- **IT Automation Solutions** to increase operational efficiency.
- **Cloud Computing Services** for scalable and flexible business solutions.
- **Web Hosting and Software Testing Services** to ensure website and software reliability.
- **Digital Marketing and SEO Services** to enhance online presence and business growth.

1.3 INTERSHIP ROLE

During my internship at **IZEON INNOVATIVE**, I had the opportunity to work across several departments, contributing to projects in web development, UI/UX design, and software testing.

My main responsibilities included:

- Learning and applying **HTML**, **CSS** to develop and enhance web pages.
- Assisting in the development of responsive and interactive web pages.
- Contributing to the creation of user-friendly interfaces for web applications.
- Participating in brainstorming sessions to improve product functionality and design.
- Gaining hands-on experience with basic web development techniques and tools used in the industry.



Fig 1.1: Logo of Izeon Innovative Pvt Lmt

1.4 CONCLUSION

Internship at **IZEON INNOVATIVE PVT LTD** was an enriching experience where I gained valuable insights into the world of **software development**, **mobile app creation**, and **IT solutions**. The exposure to the company's cutting-edge technologies, collaborative work culture, and dedication to quality greatly contributed to my personal and professional growth.

CHAPTER 2

PROJECT

2.1 OVERVIEW

The project is a travel website named D-Itinerary, designed to help users explore and plan their travel adventures. The website offers various features, including travel packages, customer reviews, a help section, and a login page. The site is built using HTML and CSS, with a focus on providing a seamless user experience. The design is clean and modern, with a fixed navigation bar, responsive layouts, and visually appealing images.

The website consists of multiple pages:

1. **Homepage:** Introduces the website and provides an overview of the services offered.
2. **Hotels:** Displays travel packages of hotels for different destinations.
3. **Restaurants:** Shows customer testimonials and ratings of restaurants.
4. **Search:** A form for users to contact the support team.
5. **Login Page:** A simple login form for users to access their accounts.

2.2 FUNDAMENTAL COMPONENTS OF WEBSITE

1. Navigation Bar:

- The navigation bar is fixed at the top of the page, ensuring it is always accessible as the user scrolls.
- It includes links to the homepage, about section, reviews and details, help page, and a login button.
- The navigation bar uses a gainsboro background with white text, and the login button changes color on hover.

2. Hero Section:

- The homepage features a large hero image with a call-to-action text encouraging users to explore the world.
- The text is overlaid on the image, with a large heading and a smaller subheading.

3. Terms Section:

- The terms and conditions section provides a welcome message and an overview of what D-itinerary offers.
- It includes a semi-transparent white background with text, placed over another background image.

4. Hotels Section:

- The packages page displays images of various hotels in desired travel destinations, each linking to more details (though the links are currently placeholders).
- The layout is a grid of images, with four images per row.

5. Restaurent Section:

- The reviews page showcases customer testimonials with star ratings of desired location.
- Each review includes a user image, name, rating, and a detailed comment.
- The reviews are displayed in a card-like format, with a hover effect that changes the background color.

6. Search Section:

- The search page includes a form where users can submit and search their inquiries.
- The form includes fields for the hotel's & restaurent's name, flights, and destinations for their query.

7. Login Page:

- The login page features a simple form with fields for username, password and submit.
- The form is centered on the page with a semi-transparent background.

8. Footer:

- The footer includes contact information, social media links, and copyright details.
- It is styled with a dark background and light text for contrast.

2.3 LAYOUT AND WIREFRAME DESIGN

1. Homepage Layout:

- The homepage is divided into sections:
 - Hero section with a background image and text overlay.
 - Search section with a welcome message and a details.
 - Login section with a list of reasons to explore and experience.
 - Terms & Conditions section with office details and social media links.
- The layout is clean and organized, with a focus on visual appeal and ease of navigation.

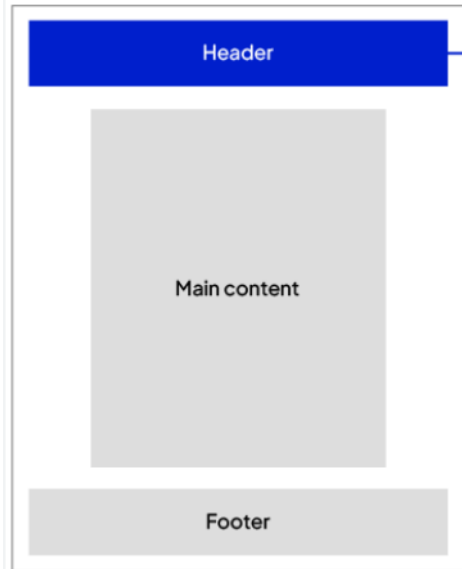


Fig 2.3.1: Basic Layout of Home Page

2. Hotels Layout:

- The packages page uses a grid layout to display destination images.
- Each image is clickable (though the links are placeholders).
- The layout is responsive, with four images per row on larger screens.

3. Restaurent Layout:

- The restaurent page uses a same layout as hotels for each testimonial.
- Each includes a restaurant name, rating, and review text.
- The layout is designed to be easy to read, with a hover effect to enhance interactivity.

4. Search Page Layout:

- The help page features a search bar on the middle of the screen.
- The form is styled with a white background and image includes fields for user input.
- The layout is simple and user-friendly, with a focus on functionality.

5. Login Page Layout:

- The login page centers the login form on the screen.
- The form is styled with a semi-transparent background and rounded corners.
- The layout is minimalistic, with a focus on usability.

1. Homepage Wireframe

- **Top Section: Navigation Bar**
 - A fixed horizontal bar at the top of the page.
 - **Top Side:** Background image with an app icon (e.g., a route icon for installation).
 - **BottomSide:** Navigation link: **Search, Hotels, Restaurants, Terms& Conditions**, and a **Login** button.
 - The login button has a hover effect (background image changes).
- **Hero Section**
 - Full-width background image covering the top section of the page.
 - Overlay text on the middle:
 - Large heading: "D-Itinerary"
 - Subheading: "Get App"
 - The text is aligned to the center with text-align.
- **Trip builder ideas**
 - Divided into columns:
 - **Left Column:** A travel image inserted with table tag.
 - **Right Column:** A image arranged in row
 - The section has a light background color (e.g. gainsboro).
- **Footer**
 - Dark background with light text.
 - Divided into three sections:
 - **Head Office:** Address details.
 - **Terms of service:** List of terms(e.g. privacy policies, cookies concern).
 - **Contact Us:** Phone number, email, and social media icons (Facebook, Instagram, Twitter).
 - Copyright information at the bottom: "Copyright © 2024 d-itinerary llc all Rights Reserved."

2. Search Page Wireframe

- **Top Section: Navigation Bar**
 - Same as the homepage.
- **Packages Grid**
 - Four column of images, with four images per row.
 - Each image represents a travel destination (e.g., Beaches, Things to do, Restaurants, Destinations,etc.).
 - Images are clickable (placeholder links).

3. Hotels Page Wireframe

- **Top Section: Navigation Bar**
 - Same as the homepage.

- **Review Section**
 - Heading: "Top World" (large heading).
 - Five review cards, each containing:
 - **Left:** User image (circular).
 - **Right:** Hotel name, star rating (5 stars), and a detailed review comment.
- **Footer**
 - Same as the homepage.

4. Terms & Conditions Page Wireframe

- **Top Section: Navigation Bar**
 - Same as the homepage.
- **Terms and Security**
 - Positioned on the right side of the page.
 - The terms and conditions section provides a welcome message and an overview of what D-itinerary offers.
 - It includes a semi-transparent white background with text, placed over another background image
- **Footer**
 - Same as the homepage.

5. Login Page Wireframe

- **Login Form**
 - Centered on the page with a semi-transparent background.
 - Form fields:
 - Username (text input).
 - Email (email input).
 - Password (password input).
 - Login button at the bottom.
 - Link for new users: "New member? Sign in."

2.5 TEXT STYLING AND TYPOGRAPHY

1. Fonts:

- The website uses a combination of serif and sans-serif fonts.
- The primary font for headings is **Georgia**, which gives a classic and elegant look.
- The body text uses **Cambria**, which is easy to read and complements the headings.

2. Text Styling:

- Headings are large and bold, with a focus on grabbing the user's attention.
- Subheadings and body text are smaller and lighter, ensuring readability.
- The text color is mostly white or dark, depending on the background, to ensure good contrast.
- **Background contrast:** Background colors are chosen to provide sufficient contrast with the text.
- **Readability:** The contrast between text and background ensures that the text is easy to read.

3. Typography:

- The typography is consistent across the website, with a clear hierarchy of headings, subheadings, and body text.
- The use of icons (from Font Awesome) enhances the visual appeal and provides additional context (e.g., star ratings in reviews).
- **Consistent typography:** Consistent font family, size, and style throughout the website.
- **Clear hierarchy:** Headings, subheadings, and body text are differentiated through size, weight, and style.
- **Readability:** Body text is large enough to read comfortably, and line spacing is adequate.
- **Icon usage:** Icons from Font Awesome are used to enhance visual appeal and provide additional context.
- **Color scheme:** A consistent color scheme is used throughout the website to create visual cohesion.

CHAPTER 3

SOURCE CODE

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.7.1/css/all.min.css" integrity="sha512-
5Hs3dF2AEPkpNAR7UiOHa+lRSJNeM2ECkwxUIxC1Q/FLycGTbNapWXB4tP889k5T5Ju8fs4b1P5z/iB4
nMfSQ==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>

<body>
  <style>
    body{
      background-color: gainsboro;
    }
  </style>
  <table>
    <tr>
      <th>
        
      </th>
      <th>
        
      </th>
    </tr>

  </table>
  <hr>
  <h1 style="text-align: center;">D ITINERARY</h1>
  <h1 style="text-align: center;"> <i class="fa-brands fa-google-play"
style="color: #db590e;"></i> Get App</h1>
  <ul>
    <li><a href="login.html"><i class="fa-solid fa-right-to-bracket"
style="color: #f10909;"></i>
      Login</a></li>
```

```

        <li><a href="search.html"><i class="fa-solid fa-magnifying-glass"
style="color: #f10909;"></i>
        Search</a></li>
        <li><a href="hotels.html"><i class="fa-solid fa-bed" style="color:
#f10909;"></i>
        Hotels</a></li>
        <li><a href="restaurent.html"><i class="fa-solid fa-utensils" style="color:
#f10909;"></i>
        Restaurent</a></li>
        <li><a href="terms.html"><i class="fa-solid fa-handshake" style="color:
#f10909;"></i>
        Terms and conditions</a></li>
    </ul><br>
    <h1 style="text-align: center;">trips builder gets you out there</h1>
    <h1 style="text-align: center;"><i class="fa-solid fa-location-dot"></i>try
it</h1>
    <table>
        <tr>
            <Th>
                
            </Th>
            <Th>
                
            </Th>
            <Th>
                
            </Th>
        </tr>
    </table><hr>
    <h2>+Explore</h2><br>
    <h2>+Do bussiness with us</h2><br>
    <h2>+get app</h2><br>
    <h2>+privacy and setting</h2>
    <br>
    <hr>
    <p style="float:right"><i class="fa-brands fa-square-facebook"></i> <i
class="fa-brands fa-instagram"></i> <i class="fa-brands fa-twitter"></i></p>
    <span style="float: left;">@2024 DItinerary llc all rights reserved</span>
    <br><br>
<p>
    <p>terms of service </p>
    <p>privacy & cookies statement</p>
    <p>cookies concern</p>
    <p>contact us</p></body>
</html>

```

CSS CODE:

```
li{
    list-style-type: none;
    float: left;
}
ul{
    background-color: black;
    color: white;
    overflow: hidden;
}
a{
    text-decoration: none;
    color: white;
    margin: 110px;
    margin-top: 30px;
}
<style>
    body{
        background-color: gainsboro;
    }
</style>
<span style="text-align: center;color: rgb(16, 153, 16);margin-right: 400px;"><H1>D ITINERARY</span></H1>
    <h2 style="padding-left: 10px;color: black;" >planning made easy</h2>
</p><hr>
    <div style="border: 1px solid grey; width: 600px;height: 300px; border-radius: 20px; margin-top:100px;margin-left:500px;">
        <div class="new" style="text-align: left;margin-left: 30px;margin-top: 60px;">
            <h2><i class="fa-solid fa-magnifying-glass" style="color: #f10909;"></i> hotels, restaurents, flights, destinations...</h2>
            <br><br>
            <hr>
        </div>
</div>
<style>
    .his{
        display: flex;
        flex-direction: column;
    }
    body{
        background-color: gainsboro;
    }
</style>
```

CHAPTER 4

OUTPUT

4.1 Home page:

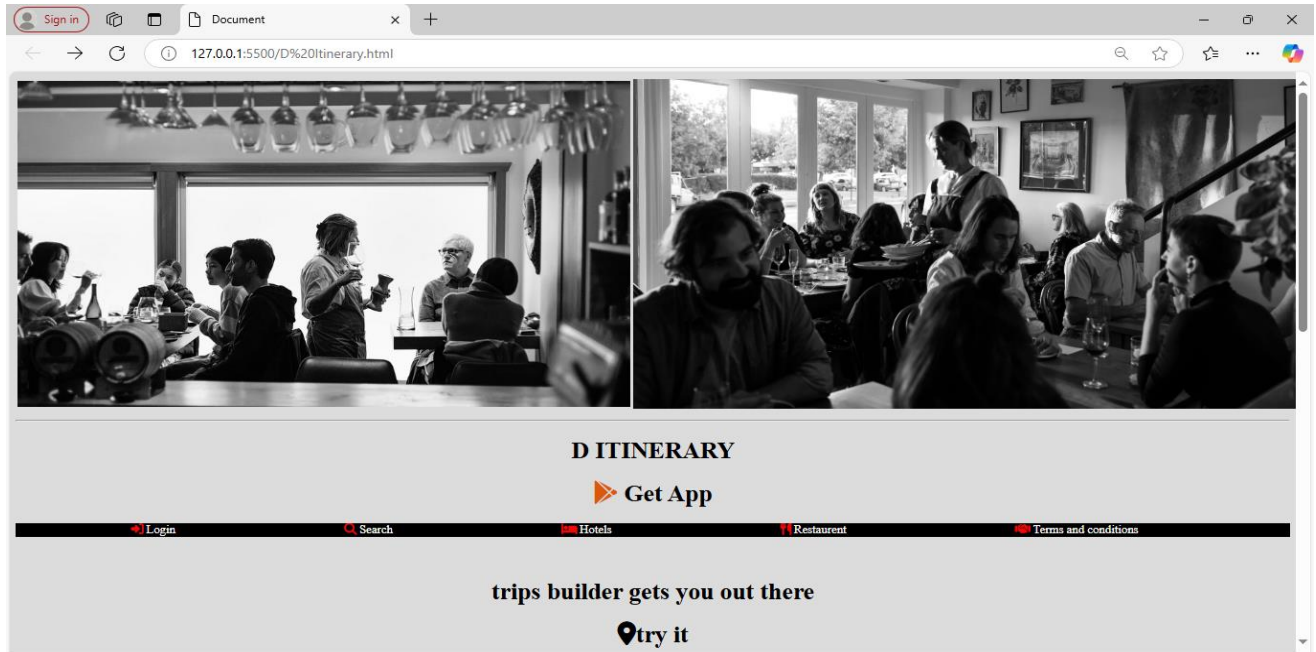


Fig 4.1.1: Home page

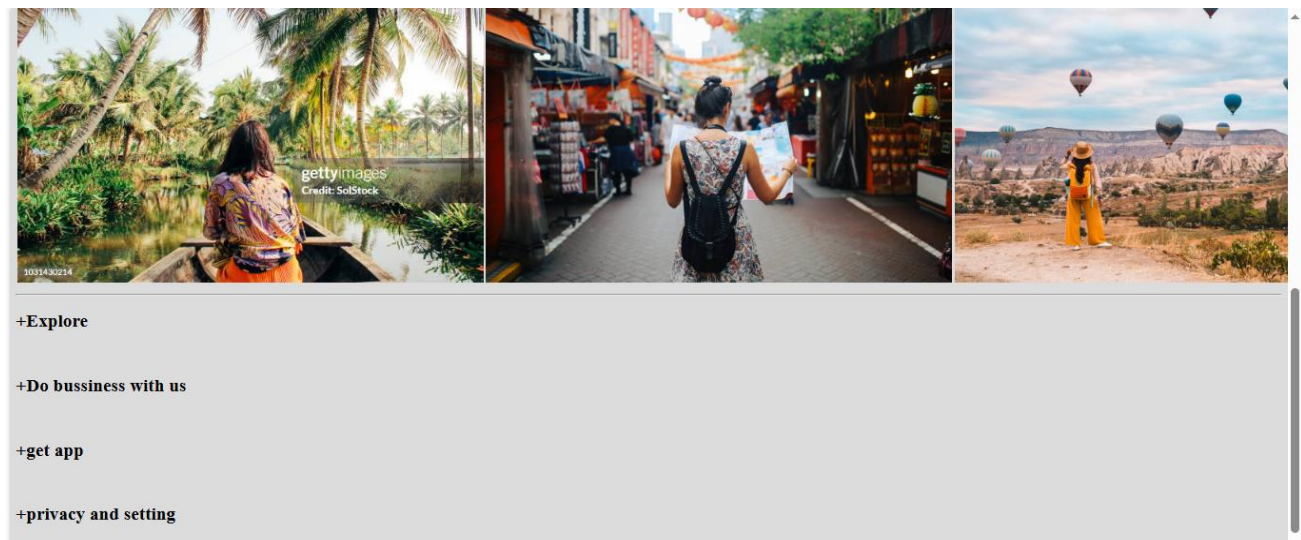


Fig 4.1.2: Contact Us

4.2 Login Page:

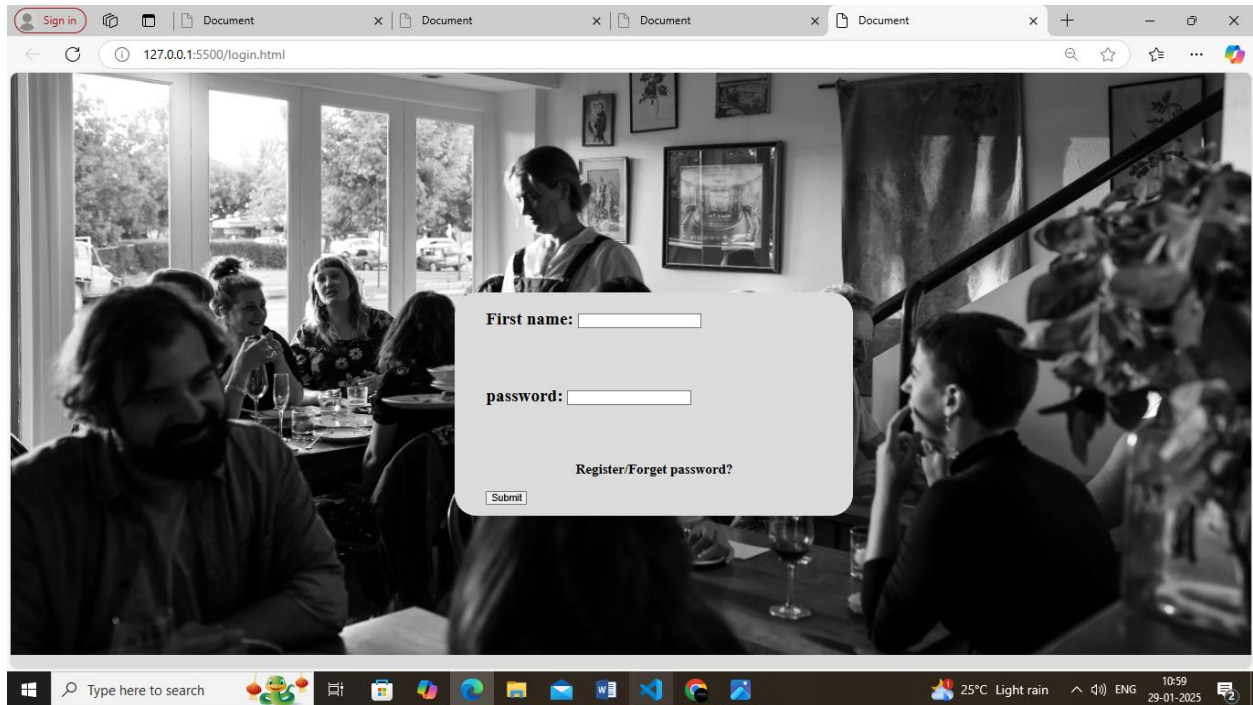


Fig 4.2.1: Login

4.3 Search Page:

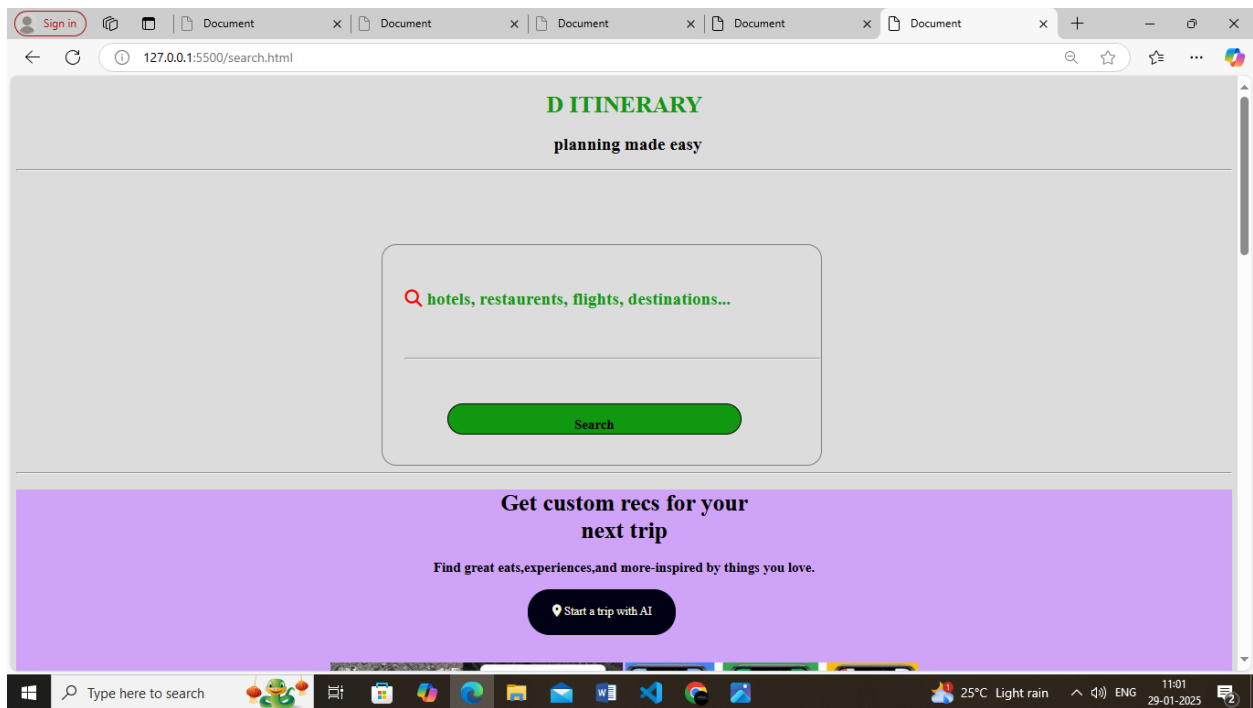


Fig 4.3.1: Search bar

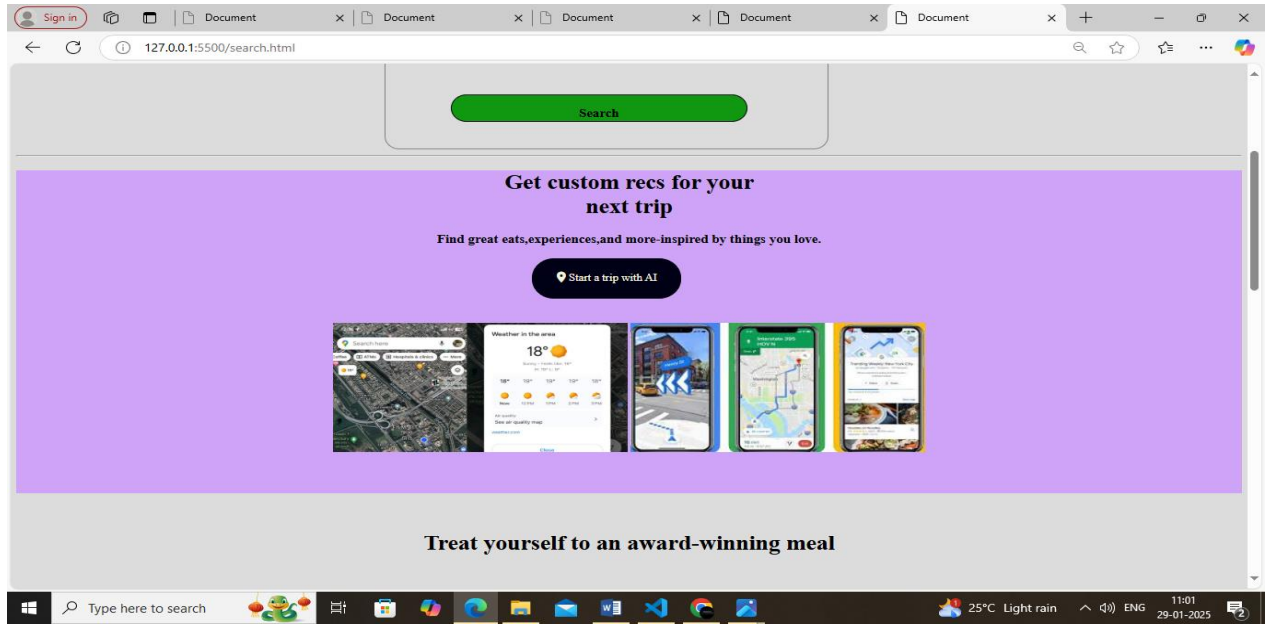


Fig 4.3.1: Locate folders

4.4 Hotels page:

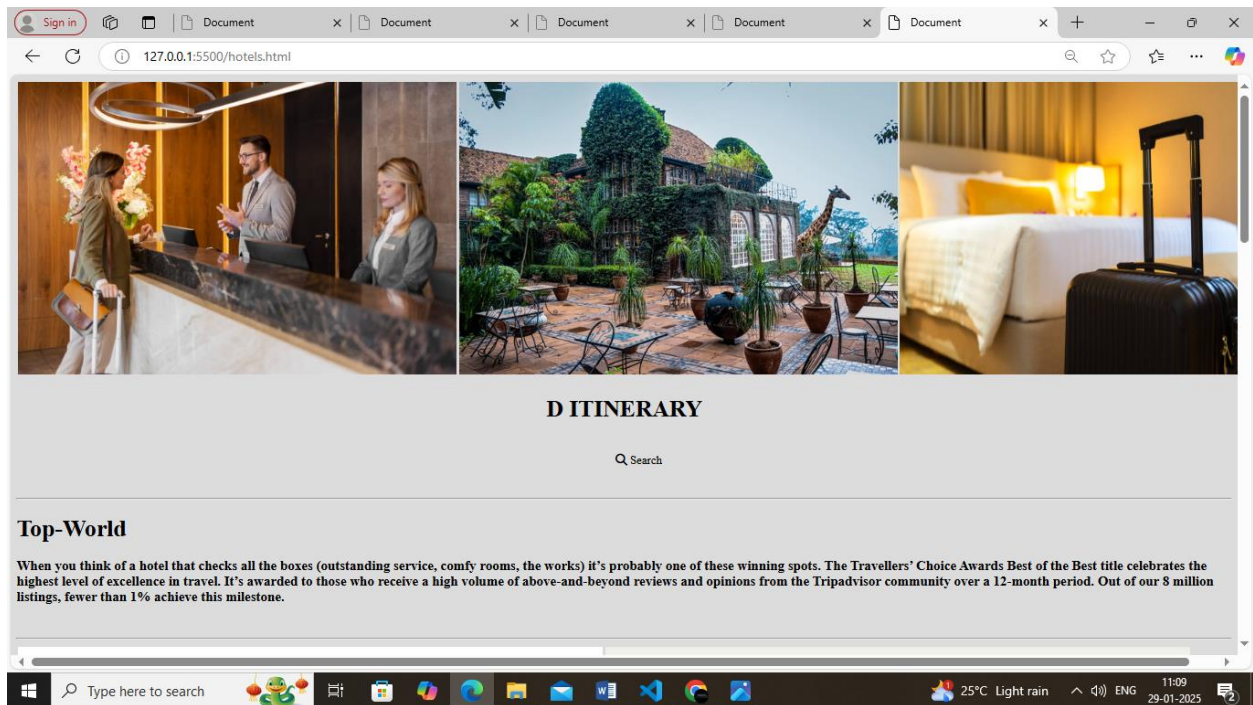


Fig 4.4.1: Hotels

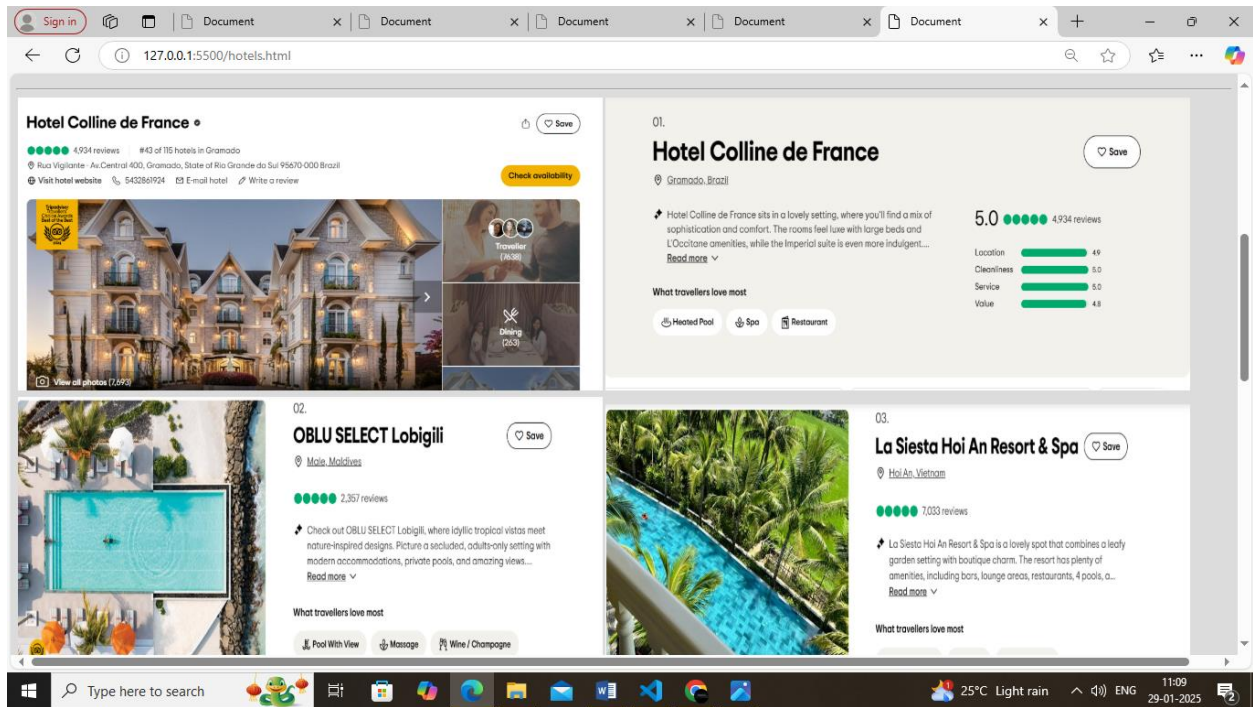


Fig 4.4.2: Hotels reviews

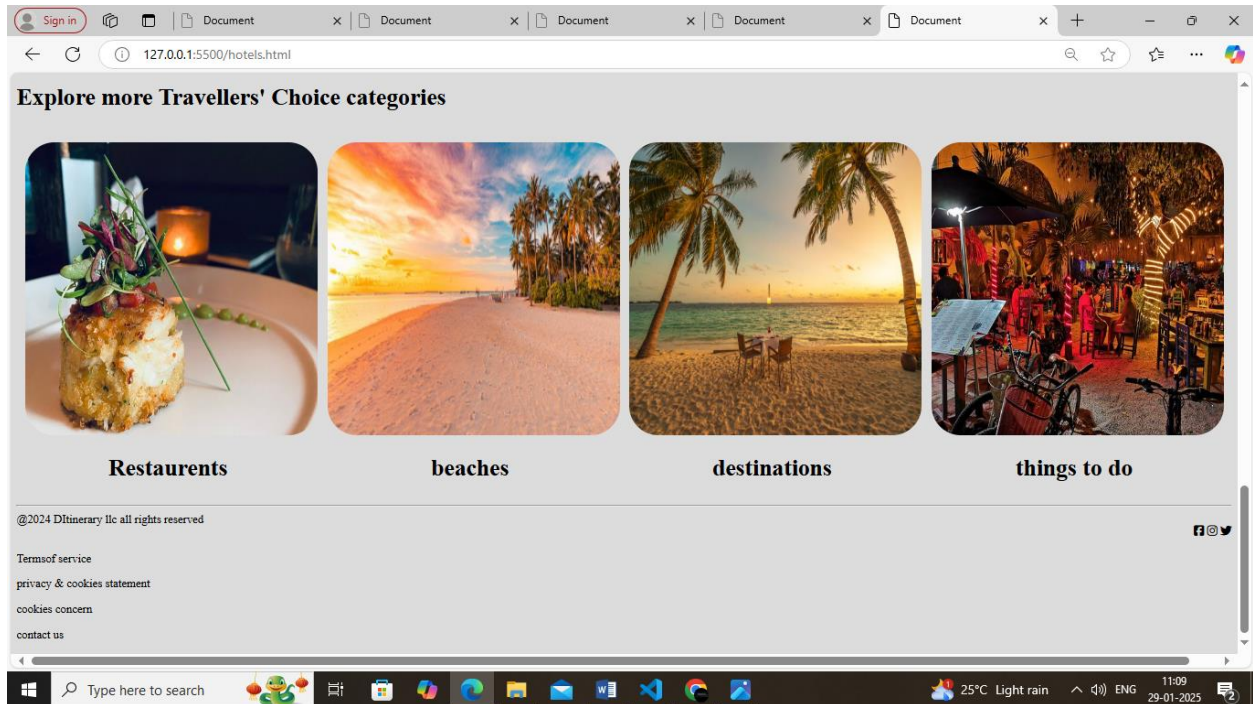


Fig 4.4.3: Preferences

4.5 Restaurants Page:

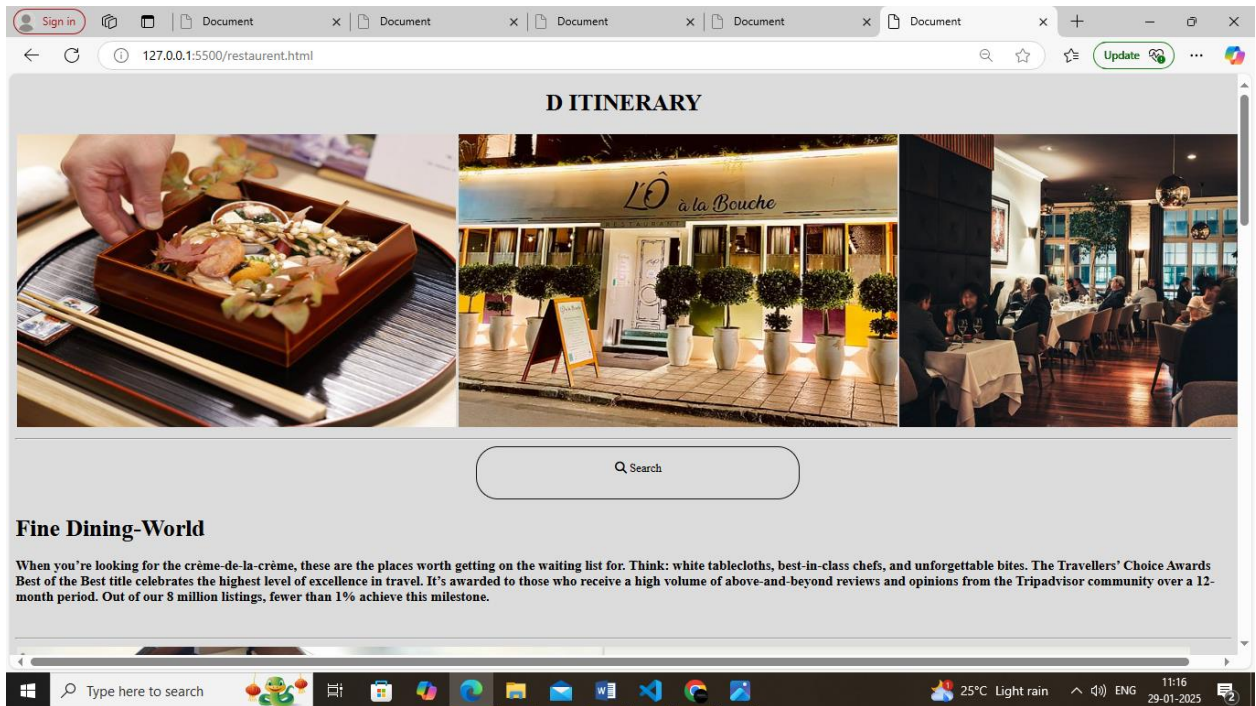


Fig 4.5.1: Restaurant page

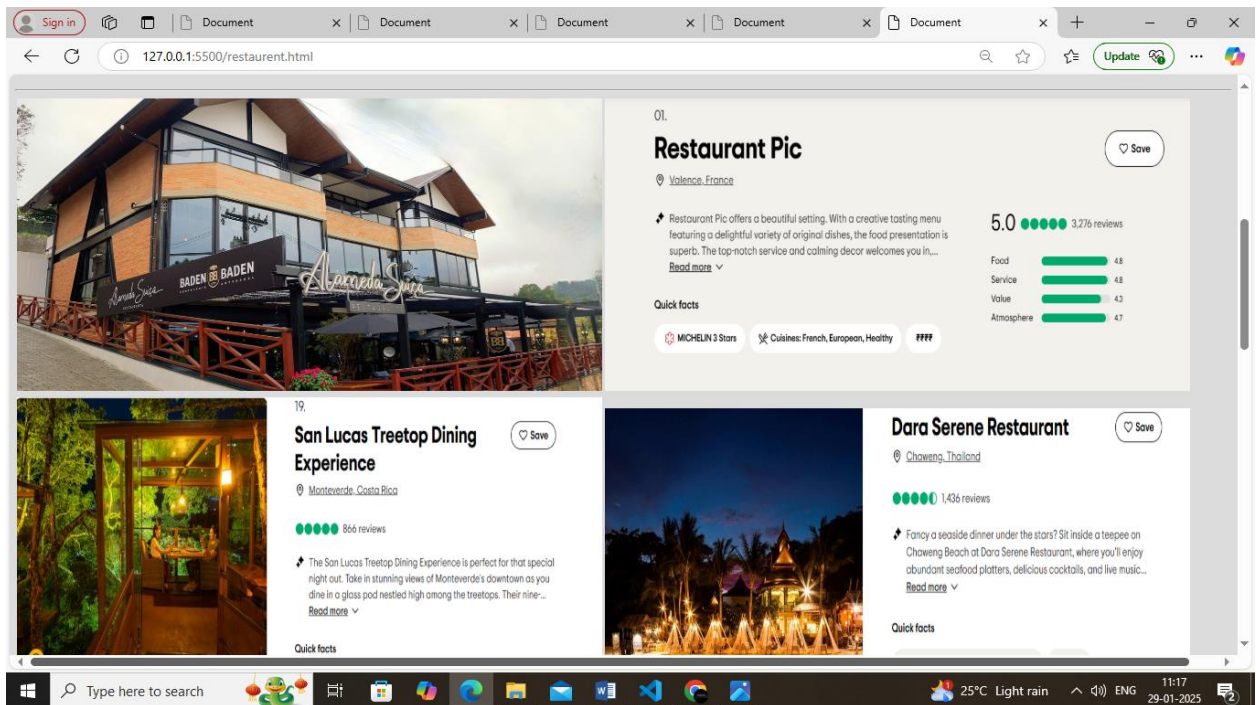


Fig 4.5.2: Reviews folder

4.6 Terms & Conditions:

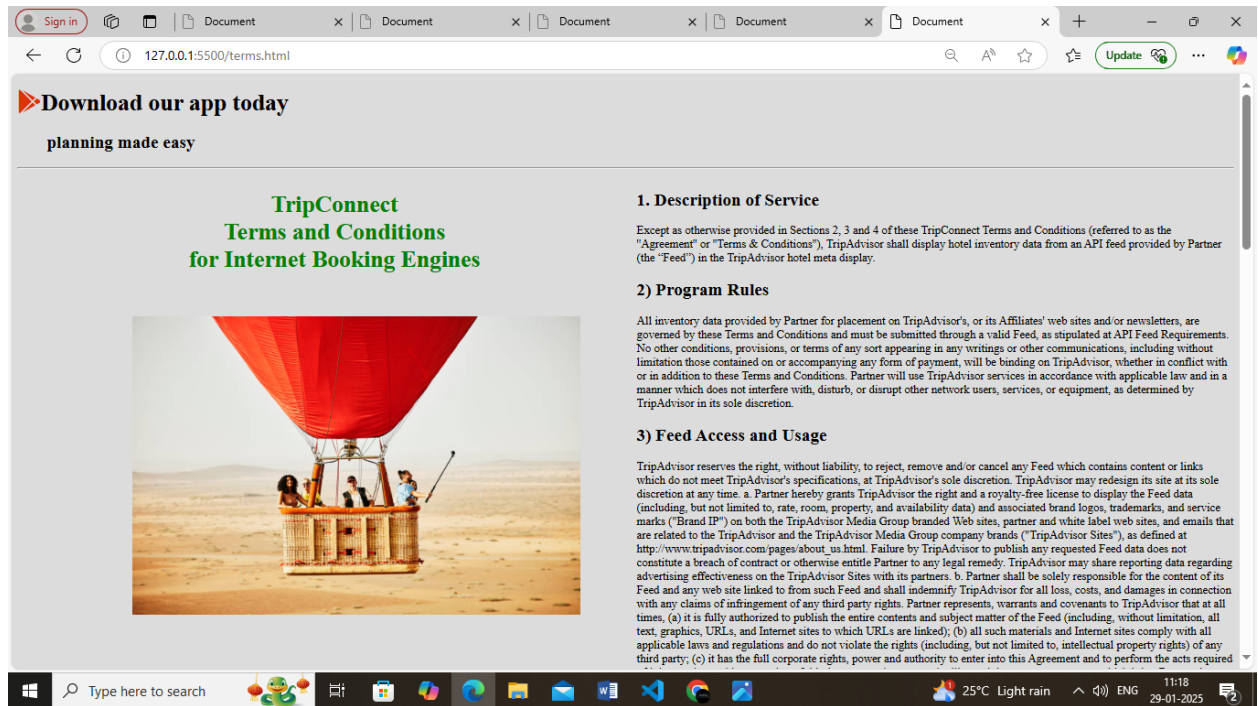


Fig 4.6.1: Terms and conditions

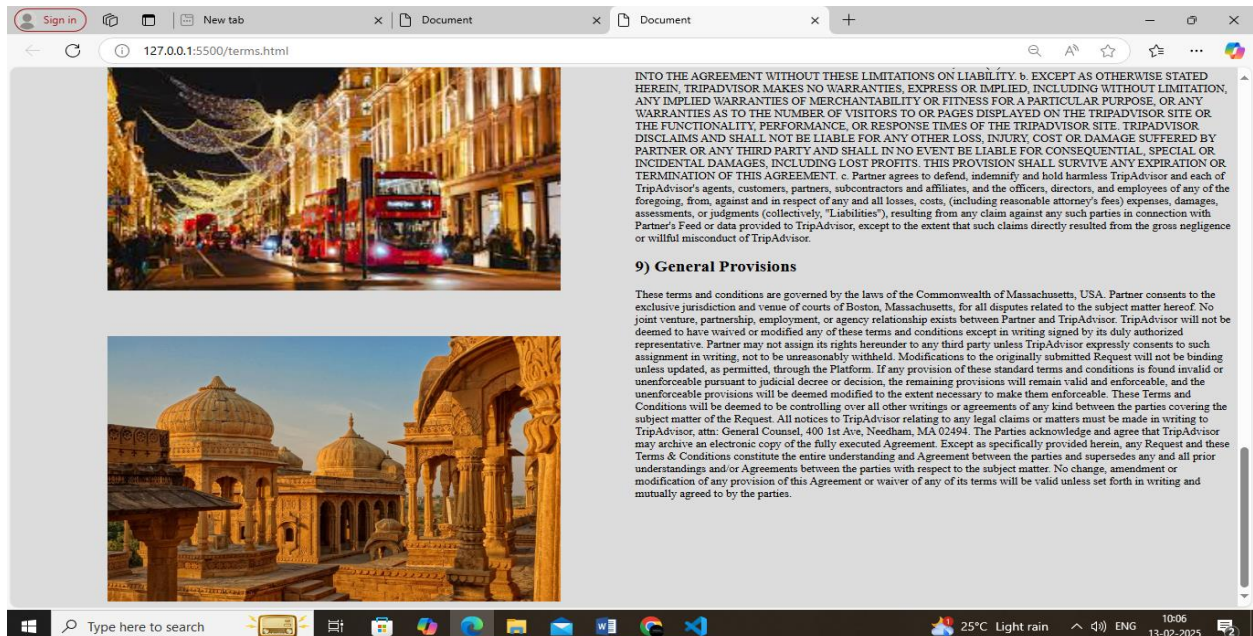


Fig 4.6.1: General Provisions

CHAPTER 5

CONCLUSION

The D-Itinerary travel website is a well-designed and functional project that provides users with an easy way to explore travel destinations, read reviews, and get help when needed. The website's layout is clean and responsive, with a focus on user experience. The use of high-quality images, consistent typography, and interactive elements enhances the overall design.

Key Strengths:

- **User-Friendly Navigation:** The fixed navigation bar ensures that users can easily access different sections of the website.
- **Visual Appeal:** The use of large background images and clean typography makes the website visually appealing.
- **Responsive Design:** The layout adapts well to different screen sizes, ensuring a good experience on both desktop and mobile devices.

Areas for Improvement:

- **Functionality:** Some links (e.g., in the hotels and restaurant section) are placeholders and could be linked to actual destination pages.
- **Accessibility:** The website could benefit from better accessibility features, such as alt text for images and ARIA labels for interactive elements.

Overall, the D-Itinerary project is a solid foundation for a travel website, with room for further enhancements in functionality and accessibility. The project demonstrates a strong understanding of web design principles and provides a user-friendly platform for travel planning.

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FEEDBACK FORM

VELAMMAL ENGINEERING COLLEGE, CHENNAI -66

(An Autonomous Institution, Affiliated to Anna University Chennai)

Department of Electronics and Communication Engineering

Employer Feedback

The Velammal Engineering College is dedicated to the continuous improvement of Engineering Programs. The information that you provide through this Feedback survey will help this process. We appreciate your help in filling out this survey. Thank you for your cooperation and support.

Student Name: DHWARAG, P Register No: 113222041038

Academic Year: 2024 to 2025 Industry Name: J ZEON INNOVATIVE PVT LTD

Assessment of program Outcomes

1) Engineering Knowledge:

Very High High Medium Low

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization into the Solution of complex engineering problems.

☐ ☐ ☒ ☐

2) Problem Analysis

Very High High Medium Low

Identify, formulate, study literature, and analyze complex problems in Engineering reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences

☐ ☐ ☒ ☐

3) Design/Development of Solution

Very High High Medium Low

Design solutions for complex Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and Environmental considerations

☐ ☒ ☐ ☐

4) Conduct Investigations of complex Problems	Very High	High	Medium	Low
Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the Information to provide valid Conclusions for complex Engineering Problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5) Modern Tool usage	Very High	High	Medium	Low
Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Engineering activities with an Understanding of the limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6) The Engineer and Society	Very High	High	Medium	Low
Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Engineering practice	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Environment and Sustainability	Very High	High	Medium	Low
Understand the impact of the Engineering solutions in Societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8) Ethics	Very High	High	Medium	Low
Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9) Individual and Team work	Very High	High	Medium	Low
Function effectively as an Individual and as a member or Leader in diverse teams, and in multidisciplinary settings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Communication	Very High	High	Medium	Low
Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instruction	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11) Project Management and finance	Very High	High	Medium	Low
Demonstrate knowledge and understanding of the engineering and principles and apply these to ones won work as a member and leader in a team to Manage projects and in multidisciplinary environments,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

12) Life Long Learning

Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Very High ☐ High ☐ Medium ☒ Low ☐

Program Specific Outcome 1

Be proficient and employment ready with career development skills in both software and hardware through Industry oriented mini & major projects, internship, industry visits, seminars and workshops to ethically serve the needs of the society

Very High ☐ High ☒ Medium ☐ Low ☐

Program Specific Outcome 2

Develop hardware/software for components/systems for applications in Signal processing, VLSI, Communication, Networking, Computer-based Systems and/or pursue Higher Studies/Research with a strong base in Electronics and Communication Engineering

Very High ☐ High ☒ Medium ☐ Low ☐

Please Write down any comments or Suggestions that you think will improve the Electronics And Communication Engineering Program at Velammal Engineering College

Thank you for taking the Time to answer our Question's. Your Feedback is Tremendously valuable to us.

Name of the person participating in the survey: M. Ruban kumar

Designation: Software - Developer

Employer name: S. Izeon Bayya

Employer Address: Izeon innovative pvt Ltd, T. Nagar, Chennai

Email ID: info@izeoninnovative.com

Contact Number: 86376 75438

Seal

Rh.M
Signature

