

IE WebApp

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app.html :
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>IE Tower Virtual Tour</title>
  <style>
    body, html {
      height: 100%;
      margin: 0;
      font-family: Cabril, sans-serif;
      background-color: #f0f7ff; /* Light blue background */
      display: flex;
      justify-content: center;
      align-items: center;
    }

    #tour-container {
      text-align: center;
      width: 90%;
      max-width: 800px;
      box-shadow: 0 2px 10px rgba(0, 0, 0, 0.2);
      border-radius: 5px;
      overflow: hidden;
    }

    #final-screen {
      display: none; /* Hidden by default */
      flex-direction: column;
      justify-content: center;
      align-items: center;
      padding: 20px;
      position: absolute;
      top: 50%;
      left: 50%;
      transform: translate(-50%, -50%);
      background: white;
      text-align: center;
    }

    #tour-container img {
      width: 100%;
      height: 300px; /* Fixed height for all images */
      object-fit: cover; /* Ensures images cover the area without
stretching */
    }

    #description {
      padding: 15px;
      background-color: white;
      color: #0056b3;
    }

    #navigation {
      padding: 10px;
      background-color: #e6f2ff;
    }
  </style>
</head>
<body>
  <div id="tour-container">
    <div id="final-screen">
      <h1>IE Tower Virtual Tour</h1>
      <img alt="IE Tower Virtual Tour image" data-bbox="115 748 872 858"/>
      <div id="description">
        <p>Description text</p>
      </div>
      <div id="navigation">
        <a href="#"></a>
      </div>
    </div>
  </div>
</body>
</html>
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        text-align: center;
    }

    #navigation button {
        padding: 10px 20px;
        margin: 0 5px;
        border: none;
        border-radius: 5px;
        background-color: #0056b3;
        color: white;
        cursor: pointer;
    }

    #navigation button:hover {
        background-color: #003d82;
    }

    #navigation button:disabled {
        background-color: #cccccc;
        cursor: default;
    }

    /* Smaller logo on the final screen */
    #final-logo {
        width: 100px;
        height: auto;
        margin-bottom: 30px;
    }
    #logo {
        display: block; /* Centers the logo in its container */
        max-width: 150px;
        margin: 0 auto 20px; /* Adds space below the logo */
        object-fit: cover;
    }
</style>
</head>
<body>
<!-- This will be our final screen container, initially hidden -->
<div id="final-screen" class="hide">
    
    <p>Thank you for taking the tour! We hope you enjoyed exploring IE
University.</p>
</div>

<div id="tour-container">
    
    
    <div id="description">Welcome to the IE Tower! This is the main
entrance...</div>
    <div id="navigation">
        <button id="prev" disabled>Previous</button>
        <button id="next">Next</button>
        <!-- The End Tour button will be hidden initially and only shown on
the last image -->
        <button id="end-tour" class="hide">End Tour</button>
    </div>
</div>
<script>
    document.addEventListener('DOMContentLoaded', () => {
        const tourStops = [

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        { src: 'tower.png', alt: 'IE Tower', desc: 'Welcome to the IE Tower! This majestic building is where our journey begins.' },
        { src: 'IE_frontentry.png', alt: 'IE Front Entry', desc: 'Standing at the front entry, we are about to step into a world of innovation.' },
        { src: 'reception.png', alt: 'Reception', desc: 'Here is the reception, the heart of our tower where all paths begin.' },
        { src: 'hub1.png', alt: '4th Floor Hub', desc: 'The 4th-floor hub is where ideas come to life, fostering collaboration and learning.' },
        { src: 'cafeteria.png', alt: 'Cafeteria', desc: 'Our cafeteria offers a variety of healthy and delicious food options for all tastes.' },
        { src: 'class.png', alt: 'Classroom', desc: 'Our classrooms are equipped with state-of-the-art technology for a modern learning experience.' },
        { src: 'reception.png', alt: 'Reception', desc: 'Back to the reception, let's take a moment to relax in the rest and work area.' },
        { src: 'rest_and_work.png', alt: 'Rest and Work Area', desc: 'This area is designed for comfort and productivity, a perfect spot for a quick break or focused work.' },
        { src: 'visual_art.png', alt: 'Visual Art Display', desc: 'Experience the intersection of education and culture with our visual art displays.' },
        { src: 'auditorium.png', alt: 'Auditorium', desc: 'The auditorium is a space where knowledge and culture converge in the heart of our tower.' },
        { src: 'ext_athe.png', alt: 'Athletics Track', desc: 'Outdoor spaces like our athletics track provide a perfect environment for recreation and events.' },
        { src: 'terrain.png', alt: 'Sports Field', desc: 'The sports field is designed for versatility, supporting a wide range of athletic activities.' },
        { src: 'pool.png', alt: 'Swimming Pool', desc: 'The swimming pool is an oasis for relaxation and physical activity.' }
    ];

    let currentIndex = 0;
    const imageElement = document.getElementById('current-image');
    const descriptionElement = document.getElementById('description');
    const prevButton = document.getElementById('prev');
    const nextButton = document.getElementById('next');
    const endTourButton = document.getElementById('end-tour');
    const tourContainer = document.getElementById('tour-container');
    const finalScreen = document.getElementById('final-screen');
    const logo = document.getElementById('logo');

    function updateTourStop() {
        const tourStop = tourStops[currentIndex];
        imageElement.src = tourStop.src;
        imageElement.alt = tourStop.alt;
        descriptionElement.textContent = tourStop.desc;

        // Handle button visibility
        prevButton.style.display = currentIndex > 0 ? 'block' : 'none';
        nextButton.style.display = currentIndex < tourStops.length - 1 ? 'block' : 'none';
        endTourButton.style.display = currentIndex === tourStops.length - 1 ? 'block' : 'none';
    }

    prevButton.addEventListener('click', () => {
        if (currentIndex > 0) {

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        currentIndex--;
        updateTourStop();
    }
});

nextButton.addEventListener('click', () => {
    if (currentIndex < tourStops.length - 1) {
        currentIndex++;
        updateTourStop();
    }
});

endTourButton.addEventListener('click', () => {
    tourContainer.style.display = 'none'; // Hide the tour
container
    finalScreen.style.display = 'flex'; // Show the final screen
    logo.style.display = 'none'; // Hide the main logo
});

updateTourStop(); // Initialize the tour
});
</script>
</body>
</html>

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app.js:

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const express = require('express');
const path = require('path');
const app = express();
const port = 3000;

// Serve static files from the "public" directory
app.use(express.static('public'));

// Route to serve the HTML file
app.get('/', (req, res) => {
    res.sendFile(path.join(__dirname, 'public/app.html'));
});

app.listen(port, () => {
    console.log(`Server running at http://localhost:${port}`);
});

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