**VeriTech Internship Task-2 Report**

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**Task Title:** Landing Page

**Task Description:**  
The second project task was to create a compelling landing page for an event. The goal was to choose a design and theme that resonates with the event, ensuring the page is visually appealing and complements its purpose. The task involved including an introduction, features, and a call-to-action, along with engaging visuals and appropriate multimedia elements.

**Details:**

* **Design and Theme:** Selected a modern and sleek theme to reflect the innovative and advanced nature of the new KIA car model being launched.
* **Development Tools:** Utilized HTML, CSS, and JavaScript for the implementation.
* **Creativity:** Incorporated a high-quality hero image, interactive call-to-action buttons, and a clean layout to enhance the visual appeal.

**Steps Taken:**

1. **Analyzed the Purpose and Theme:**
   * Determined the event focus on a car launch, emphasizing innovation and performance.
   * Selected a modern and sleek design theme to align with the car's cutting-edge features.
2. **Set Up the Project:**
   * Created a new project folder.
   * Created necessary files: Task2.html
3. **Structured the HTML:**
   * Outlined the HTML structure based on the typical sections of a landing page.
   * Ensured semantic HTML5 tags were used for better accessibility.
4. **Styled with CSS:**
   * Used CSS to style the page according to the chosen design theme.
   * Ensured responsiveness using media queries and flexible layout techniques like flexbox.
   * Applied a visually appealing hero image and consistent color scheme.
5. **Added Interactivity with JavaScript:**
   * Included basic interactivity for the call-to-action buttons to enhance user engagement.
   * Ensured smooth interactions and user feedback through JavaScript alerts.
6. **Tested for Responsiveness:**
   * Opened the page on different devices and screen sizes.
   * Adjusted the CSS to ensure the design looked good on all devices.
7. **Refined and Optimized:**
   * Ensured the code was clean and optimized.
   * Used internal and external CSS for simplicity and quick adjustments.

**Challenges Faced:**

* Ensuring the landing page remained consistent and visually appealing across various screen sizes and devices.
* Balancing between high-quality images and page load times.
* Aligning text and images within the flexbox layout to maintain design consistency.

**Solutions Implemented:**

* Utilized flexbox properties (flex-wrap, justify-content, align-items) to maintain a consistent layout.
* Used media queries to adjust the layout for smaller screens.
* Compressed images to balance quality and load times.
* Ensured the hero section and other elements scaled properly across different devices.

**Learnings:**

* Gained experience in creating visually appealing and responsive landing pages using HTML, CSS, and JavaScript.
* Improved understanding of web development techniques for enhancing user engagement.
* Enhanced problem-solving skills by addressing layout and alignment issues.

**Project Update:**

* The car launch event landing page was successfully created.
* The landing page includes a high-quality hero image, detailed sections for event information, key features of the car, and clear call-to-action buttons.
* The layout adjusts well across different devices, ensuring a consistent user experience.