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CIS480 5.2 Final Project

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<https://github.com/jporeg/True-Position-Calc/tree/master>

**Description of Changes Since Week 4 Submission:**

Since the Week 4 submission, there have been no major functional changes to the True Position Calculator as the application has been performing robustly. My efforts have primarily focused on refining the visual appeal of the user interface to strike an optimal balance between simplicity and effectiveness. I have made iterative adjustments to enhance usability while ensuring the design remains clean and uncluttered, facilitating an intuitive experience for all users, particularly in a desktop environment.

**Visual and Usability Enhancements:**

1. **User Interface Improvements:**
   * Continued refinement of the UI elements to improve readability and ease of use. These adjustments include optimizing layout spacings, enhancing color contrasts for better visibility, and selecting fonts that are easier to read, ensuring a pleasant and effective desktop experience.
2. **User Feedback Incorporation:**
   * Implementing feedback from users regarding the aesthetic aspects of the application. This includes simplifying some visual elements that were initially too complex and enhancing others to make the interface more engaging.

**Security Measures:**

* **Input Validation:**
  + Maintained stringent input validation to ensure that only numerically valid data is processed, preventing potential data handling vulnerabilities.
* **Regular Security Audits:**
  + Conducting regular security audits to ensure that the application adheres to the latest security standards and practices, reinforcing the commitment to protect user data.

**Conclusion:** The True Position Calculator continues to evolve, with a strong emphasis on creating a visually pleasing yet straightforward user interface that appeals to both novice and experienced users. By focusing on these aspects, the tool not only meets but exceeds usability expectations, making complex calculations accessible and straightforward.

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