

AI Collaboration & Originality Report

Course: Computer Science

Project: PHP & HTML Form Implementation

Student Information

- **Name:** Russel Astor
 - **Student ID:** 24-12490
 - **Date:** 01/ 27/ 2026
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1. Code Composition & Ratio

Estimate the percentage of the final codebase that was authored by you versus generated by an AI (e.g., ChatGPT, Claude, GitHub Copilot).

Calculation Formula: >

$$\text{Human Contribution \%} = \left(\frac{\text{Total Lines Edited/Written by Student}}{\text{Total Lines of Code}} \right) \times 100$$

- **Human-Authored Lines:** 295
- **AI-Generated Lines:** 415
- **Total Lines of Code:** 710

Note: Submissions with >80% AI-generated code will require a mandatory logic interview.

2. The Prompt Log

List the primary prompts you used to generate code snippets or solve logic hurdles.

1. **Prompt:** External css for this, dark blue theme, gradient background. (and other pages)
 2. **Prompt:** How to get sql statement
 3. **Prompt:** How to insert sql statement
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3. Refactoring & Human Intervention

AI code often requires "tweaking" to fit specific project requirements. List **three specific changes** you made to the AI's output to improve or fix it.

- **Change 1:** Change specific values to css

4. Logic Deep-Dive

In your own words, explain the data flow of your PHP script. Specifically, what happens between the user clicking "Submit" and the final message appearing on the screen?

User interacts with the form, then the php receives that request, after that, server-side requests happens like checking of missing inputs.

5. Security & Integrity Audit

Identify the specific methods you implemented to secure your form.

- **How did you prevent Cross-Site Scripting (XSS)?**
 - ☐ Used `htmlspecialchars()`
 - ☐ Used `strip_tags()`
 - ☐ Other: None
- **How did you validate the data?**
 - ☐ `filter_var()`
 - ☐ `empty()` checks
 - ☐ Regex (Regular Expressions)

- [/] Other: None

Student Declaration

I certify that the human-authored portion of this code is my own work and that I have disclosed all AI assistance used in the creation of this project.

Signature: _____ **Date:** 1/28/26