

Web Programming and Practical Databases II

AI Disclosure Document

Student Name: _____ Muhammad fahad _____
Student ID: _____ C00311349 _____
Course Name & Code: _____ Project SEM 2 CW_KCSOF_B _____
Make New Booking Screen: _____
Date Submitted: _____ 26/03/2025 _____

AI Assistance Disclosure

AI Technologies Used

Indicate whether you used AI technologies in completing this task:

✓ yes, I used AI tools. (List all AI technologies used, e.g., ChatGPT, GitHub Copilot, Codeium, Google Bard, etc.)

- Yes I used AI in this Screen.

- _____
- _____

Prompts Used

- I was stuck on how to add booking ID into job table as have to add booking and job typeID into job Table as well, the problem was the booking was create at that time.

- _____

Nature of Assistance

Indicate how AI technologies contributed to your work by selecting and elaborating on the relevant categories below:

- **Concept Explanation:** (e.g., AI provided explanations of algorithms, data structures, programming concepts, etc.)

Use of AI-Generated Output

Describe how you used the AI-generated output in your work:

- **Problem Breakdown:**

- **Booking Creation First:** When creating a new booking, the database auto-generates a booking ID
 - **Job Table Requirement:** Need to insert this new booking ID along with selected job type IDs into the Job table
 - **Challenge:** The booking ID doesn't exist until after the booking is created
 - **Solution Approach:**
 - **Transaction Block:** Wrap both operations in a database transaction
 - **Step 1:** Insert the booking record into Booking table
 - **Get Booking ID:** Use lastInsertId() to retrieve the auto-generated booking ID
 - **Step 2:** Insert records into Job table using the obtained booking ID
 - **Commit:** Only commit if both operations succeed
 -
 -
-

Verification of AI Output

Explain the steps you took to verify the accuracy and correctness of the AI-generated output: after demonstration I implement the explanation into actual code while doing this I also use AI for debugging

What Was Fixed?

This should resolve all the errors and ensure secure data insertion.

- It suggests me to use transaction to achieve
 -
 -
-

AI-Generated Content Modifications

- Did you modify or refine any AI-generated content before submission? (Check one and provide details.)
Clarified the use of lastInsertId() and transactions for data integrity.
-

☐ No, I used AI-generated content as is. (Explain why you did not modify it.)

- Yes I did

Acknowledgment & Integrity Statement

By submitting this document, I acknowledge that I have fully disclosed my use of AI technologies in completing this lab sheet.