

CST 226-2 Web Application Development

Assignment 3 – Group Project

(Evaluation dates - from 4th of August, 2025 to 7th of August, 2025)

Instructions:

- In this assignment, you have to create a dynamic web application using PHP, MySQL, HTML, CSS, and JavaScript.
- You need to design a web application to solve the problem specified in the selected scenario.

Requirements:

- In your web application, there should be at least three pages (maximum five pages) including a home page, the information display page, and a page to add/update/delete information.
- The information display page should show a list of items or information that users have added to the application and should allow users to delete or update the information.
- The page to add/update/delete information should allow users to add new items or to update/remove existing items and should include validation to ensure that the information entered is valid.
- The application should interact with a MySQL database to store and retrieve information.
- The application should use PHP to handle user input and database interactions.

Interface Design:

- The web application should have a clean and clear design that is easy to use.
- The design should be consistent across all pages within the application.

Submission:

- You should submit the source code for the web application before the evaluation.
- The source code should be well-organized and easy to understand, with comments to explain any complex or unclear sections.

Evaluation:

You will be evaluated based on the following criteria:

- **Functionality:** Does the application meet the requirements outlined in the assignment (including the security features)?
- **Design:** Is the design of the application clean and clear?
- **Code Quality:** Is the source code well-organized and easy to understand, with comments to explain any complex or unclear code?
- **Database Interaction:** Does the application successfully interact with a MySQL database?
- **User Experience:** Is the application easy to use and navigate, with clear instructions on how to use it?