Week 7 – PHP Programming

Learning Activities & Resources

1. Completed the LearnJCU weekly video for Week 7.

2. Studied the *PHP with MySQL Essential Training: The Basics* course on LinkedIn Learning.

3. Finished the practical tasks for PHP programming, including working with functions, loops, and database operations.

4. Participated in a group meeting for the **Learning Centre** project and discussed our development strategy and division of tasks.

5. Finalised the agenda and action items for our upcoming meeting next Friday.

Estimated Hours

10 hours

Content Insights

1. This week strengthened my understanding of **PHP as a server-side scripting language**, especially how it processes user requests and dynamically generates content. Realising how PHP drives backend logic helped me better understand modern web application architecture.

2. The integration between **PHP and MySQL** highlighted the essential role of databases in storing, retrieving, and managing information. Seeing how PHP executes SQL queries and outputs dynamic content

deepened my understanding of full-stack application workflows.

3. Developing skills in PHP and MySQL is highly beneficial for career development. These technologies remain widely used in the industry, and knowing how to build database-driven applications significantly improves employability in backend and full-stack roles.

Career / Employability / Learning Insights

1. Working hands-on with PHP through practical exercises and project work gives me a strong foundation for future backend development tasks. This experience boosts confidence in writing server-side logic and handling data securely.

2. Practising PHP features such as form processing, validation, authentication, and session handling showed me how essential these skills are for building secure and functional web systems.

3. Collaborating with my team on the Baizonn Learning Centre project continues to improve my **teamwork, communication, and planning skills**. Learning to coordinate tasks and organise meetings is valuable preparation for real workplace environments.

4. This week's tasks also helped me develop problem-solving abilities required in real-world projects. Debugging issues, understanding PHP error messages, and structuring backend logic all contribute to becoming more capable and adaptable as a future developer.