Week 4 – Local Server Setup and Multi-Page Websites

Opening Note
This document provides a structured account of the learning activities undertaken during the specified week of the Web Technologies module. It outlines the practical tasks completed, the technical and conceptual challenges encountered, and the key learning outcomes achieved. The purpose of this reflective summary is to demonstrate progressive skill development in web design and development, as well as critical engagement with the underlying principles of modern web technologies. The reflections are grounded in practical implementation and aligned with the module learning outcomes.

What was done

A local development environment was configured using WAMP. Apache, MySQL, and PHP services were verified, and a multi-page PHP website was deployed and accessed via localhost.

Challenges faced

Service configuration issues and port conflicts required troubleshooting. Understanding the distinction between client-side and server-side execution required practical experimentation.

Learning outcomes

This week developed practical knowledge of local server environments, PHP execution, and deployment requirements for server-side applications.