Week 10 – Responsive Navigation and Web Security

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 responsive navigation system was developed featuring dropdown menus and smooth scrolling. Core web security threats and mitigation strategies were also analysed.

Challenges faced

Achieving consistent usability across screen sizes required iterative testing and refinement.

Learning outcomes

The task consolidated skills in responsive design, usability engineering, and security-conscious web development.