**A COURSE WORK REPORT**

**ON**

**SWD 327 (MANDATORY SKILL ACQUISITION)**

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**BRIEF REPORT ON HOW I DEVELOPED MY WEB PAGE AND SOME TOOLS USED IN THE PROCESS.**

**Front-end Development using HTML and CSS.**

**INTRODUCTION**:

Hypertext Markup Language (HTML) is a markup language used to create static web pages and web application. Cascading Style Sheet (CSS) Language is responsible for the presentation of documents written in a markup language. It helps the front-end developer in building a simple web page, focusing on the core technologies used, the structure of the web page and the steps taken to create it. Front-end developers use a combination of programming languages, frameworks, and tools (like Visual Studio Code) to create visually appealing, responsive, and functional webpages.

**SOME HTML ELEMENT TAGS AND ITS FUNCTIONS**

1. <!DOCTYPE html>: It define the document type and version of HTML.
2. <Head>: It contains the metadata about the document element.
3. <meta>: It set the viewport settings for responsive design.
4. <Title>: It set the title of the page.
5. <Link>: It links to an external style sheet “style.css”
6. <body>: It contains the content of the HTML document
7. <Navigation bar>: It defines the navigation bar with an unordered list of links
8. <h1><h2>: It defines two heading, the main heading and the subheading.
9. <Section>: It defines a session with two links, one with class of “btn” and the other with a class of “btn1”.
10. </body>: It closes the body element.
11. </html>: It closes the html element.

**SOME ELEMENT IN CSS AND ITS FUNCTIONS**

1. Body style: It set the background, image, size, height, blend mode, and color of your page.
2. Navbar style: It sets the height, width, background color and position of your page.
3. Navbar ul: It styles the navbar list items.
4. Heading style: It styles the main heading and the subheading of your page.
5. Button style: It style the button of your page.
6. Input box style: It styles the input field
7. Remember and forgot style: It styles the remember and forgot container
8. Register link styles: It styles the register link container

Testing and Debugging: The web page was tested across different browsers to ensure compatibility and responsiveness. Any issue identified was corrected through debugging.

CONCLUSION:

The development of this simple web page involved the use of fundamental web technologies focusing on creating a clean and functional layout. The process included planning, structuring content with html, enhancing visuals with CSS, resulting in a well-functioning web page ready for use.