**AKANU IBIAM FEDERAL POLYTECHNIC UNWANA, AFIKPO EBONYI STATE.**

**DOCUMENTATION OF MY FIRST WEB PAGE PROJECT**

**USING HTML, JAVA AND CSS**

**BY**

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**Documentation For “Digital Clock” Web Page**

**Introduction**

The “Digital Clock” web page is a simple project that displays the current time in a digital format. It utilizes HTML, CSS, and JavaScript to create an interactive clock. Let’s break down each component:

**HTML (index.html)**

**Title and Viewport Meta Tag**

* The title of the page is set to “Digital Clock.”
* The viewport meta tag ensures proper scaling on different devices.

**Heading**

* The main heading displays “DIGITAL CLOCK.”

**Clock Display**

* The clock display consists of three separate elements for hours, minutes, and seconds.

**Script**

* The JavaScript file (script.js) updates the clock display dynamically.

**JavaScript (script.js)**

* The JavaScript code retrieves the current time and splits it into hours, minutes, and seconds.
* It updates the corresponding elements in the clock display every second.

**CSS (style.css)**

**Global Styles**

* Resets default padding and margin.
* Sets the font family to “Satisfy” (a cursive font).

**Heading Styles**

* Centers the heading text horizontally.
* Sets the text color to white.
* Adds top margin for spacing.

**Body Styles**

* Sets the background gradient from dark blue to slightly lighter blue.

**Clock Container Styles**

* Centers the clock container both horizontally and vertically.
* Sets the dimensions and styling of the clock elements.

**Separator Styles**

* Styles the separator (colon) between hours, minutes, and seconds.