**Web Development Implementation**

**Accessibility tags:**

Use of the label tags in my form elements.

<input id="female" type="radio" name="gender" value="female"> <label for="female">Female</label>

Use of alt attribute in my images.

 <img id="logo" src="logo.riara.jpg" alt="riara university logo">

Also using the fieldset and legend elements.

<fieldset id="lg">

                    <legend >Process Information</legend><br>

**CSS selectors:**

Simple selectors: img {

    width: 300px;

    height: 150px;

}

Combinator selectors .menu a{ /\*using a combinator selector\*/

    /\*styling the anchor elements in the menu class\*/

    text-decoration: none;

    margin-left: 2rem;

    color: white;

    justify-content: space-between;

}

Pseudo class selectors .menu a:hover {/\*using a pseudo class selector\*/

    color:  rgba(156, 24, 127, 1);

    font-size: x-large;

    font-style:oblique;

}

Pseudo elements selector p::selection{ /\* using a pseudo element selector\*/

    color: rgb(184, 7, 244);

    background-color: white;

}

Attribute Selector [id|="choose"] {

    background-color: purple;

    color: #ffff;

**JavaScript Quiz**

My quiz is implemented in two areas, where we have the dubai quiz and Arusha quiz you have to selected one.

const chooseDubaiButton = document.getElementById("choose-Dubai");

const chooseArushaButton = document.getElementById("choose-Arusha");

And the respective quiz will be displayed when its appropriate button is selected

const startDubaiQuiz = () => {

    chooseQuizContainer.style.display = "none";

    quizContainer.style.display = "block"; // Show the quiz section

    loadQuiz(dubaiQuizData);

};

const startArushaQuiz = () => {

    chooseQuizContainer.style.display = "none";

    quizContainer.style.display = "block"; // Show the quiz section

    selectedQuizData = arushaQuizData;

    loadQuiz(selectedQuizData);

};

**Flex Layout**

I implemented the quiz layout in the div containing my two tables(Arusha table, Dubai table), also implemented on the button by flexing the Dubai quiz button and Arusha quiz button.

Also in the menu items the flex layout is implemented

**Form Validation**

The script containing the form validation is implemented on the html file before the form section.

It checks for all input elements in the form except for the input type textarea.

**Use of Tailwind**

I have implemented tailwind in my files but to activate you have to remove the comment tags in the line linking the tailwind output file.

 <!--to enable the tailwind custom styles remove the comment tags below-->

    <!--<link rel="stylesheet" href="output.css">-->

I commented out the tailwind line since it implemented a lot of default styling in my document that I had already implemented in my css file.

But there are some elements which I styled using tailwind if you want to see if its implemented.

 <div id="Uinfo" class="mt-8 p-2"><!--using some tailwind styling-->

**Navigation Areas**

The use of the nav element is used on the main menu navigation. Which holds the logo and the menu items with the anchor element.

There is styling

nav {/\* styling the navigation menu of the page\*/

    color: white;

    background-color:#452e8f;

    /\*rgb(179, 0, 255); \*/

    font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;

    font-size: larger;

    font-weight: 200;

    display: flex;

    align-items: center;

    /\*rgb(93, 48, 255)\*/

}

**Image Banner**

The banner image is implemented here

#bannerImage{

    background-image: url(ban.jpg);/\*the banner image\*/

    height: 600px;

    background-size: cover;

    width: 100%;

    padding-top: 0px;

}

**Footer**

The footer is implemented and styled properly.

<footer>

        © 2024

        &ensp;<a href="https://riarauniversity.ac.ke">Riara University</a>

    </footer>

footer {/\*\*styling the footer of the page\*/

    text-align: center;

    align-items: center;

    font-family: Andale Mono, mon

**Well Styled Table**

My page has two tables, one for the dubai quiz and one for the Arusha quiz.

There are well implemented, with border collapse and also alternating background colors.

They are responsive when the mouse hovers.

**Overall Presentation and Design**

Different font styles have been used all over the page, the background colors are according to the theme of the institution(Riara). There also implementation of relevant background images.