

ABOUT THE PROJECT:

Introduction:

This project is about creating a quiz of about 16 questions, with 4 questions on each page. The first page which is the welcome page will have a username and a click button which takes us to the first page of the questions and it continues like that unto the last page which shows the result of the user. The time frame for this project that was supposed to be done and finished within a week of three days classes but ended up being completed within two weeks.

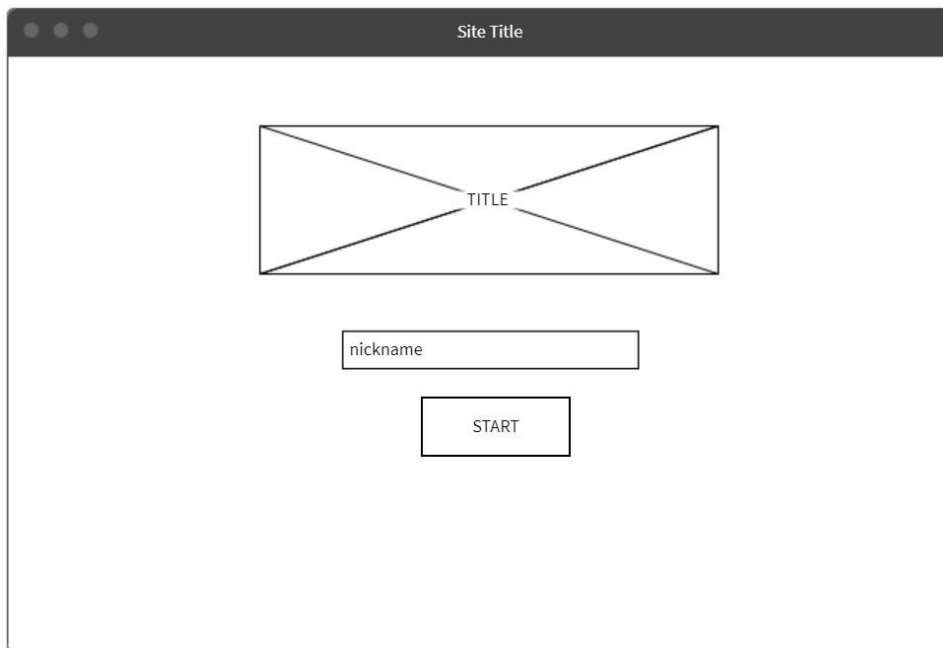
Approach:

The project was not done alone, there were external resources(help) gotten from both the professor who gave the project and also the internet.

There was no money spent preparing this project.

This project was built and not bought from any source but a sample project was provided as a guide on the completion.

This website will help the user gain more knowledge on Web Development as it contains quiz questions on both HTML and CSS. A sample project was given as a guide for the completion. The welcome page guide is seen below:

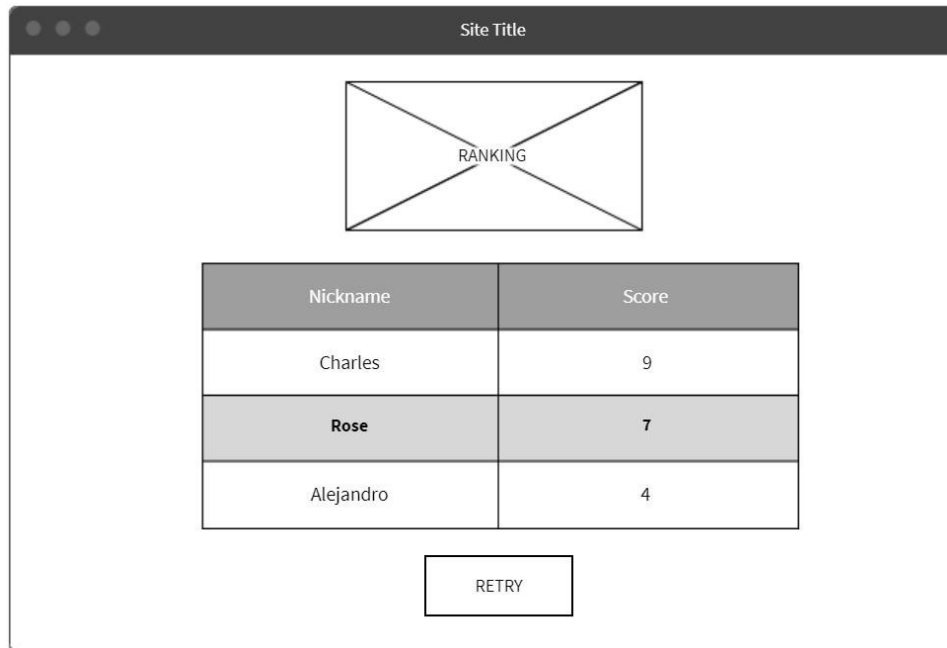


The image shows a wireframe of a web browser window. The browser's title bar at the top is dark gray and contains the text "Site Title". The main content area of the browser is white and contains a centered layout. At the top of this layout is a large rectangle with diagonal lines extending from each corner to a central point, where the word "TITLE" is written. Below this graphic is a text input field with the placeholder text "nickname". At the bottom of the layout is a rectangular button with the text "START" inside it.

The user enters his or her name on the input button as explained above, while the button takes the user to the first page of questions which comes in this format:

The screenshot shows a web browser window with a dark title bar labeled "Site Title". Inside the browser, there is a progress bar at the top consisting of five circular nodes connected by a horizontal line. The nodes are labeled "HTML", "CSS", "JS", and "END". The "HTML", "CSS", and "JS" nodes are filled with green, while the "END" node is empty. Below the progress bar, the text "1. Question one" is displayed. Underneath this, there are four checkboxes, each followed by its label: "Checkbox 1" (checked), "Checkbox 2" (unchecked), "Checkbox 3" (checked), and "Checkbox 4" (unchecked). At the bottom right of the page, there is a rectangular button labeled "NEXT".

In this project, there are four questions on each page with a total of four pages. The fourth page which is the last page of the questions has a submit button which takes the user to the last page showing the score of the questions gotten correctly from the total questions. This page comes in the below format:



The website was design for students of IT to be able to learn.

In Scope:

1. Use of local storage to store user inputs.
2. Calculation of user total score.
3. Presentation of total score.

Out Of Scope:

1. The project is not linked to database as it will not be kept for a long time.
2. There was no security implemented and can be accessed by anyone..
3. No progress bar to indicate user progress.

Duration:

TASKS	PRIORITY	EXPECTED DURATION	ACTUAL DURATION
The first page HTML and the JavaScript were given the highest	URGENT	1 day	These took 2-3 days for completion.

priority as these two determine the steps for the other pages and also how easy the other pages would be.			
The welcome page had the next priority as this page comes first before there can be access to the first page of questions.	MEDIUM	1day	1-2 days
The last page which shows the scores of the user was next in line of priority	LOW	1 day	2-3 days
The other three pages containing the questions were given the least priority as the first page already gave a clue on how the remaining pages would look and also be.	HIGH	1 day	1 day

Difficulties:

I had some difficulties on the 1st page Java script, while trying to connect the answers selected with the score to the local storage. Another difficulty experienced was letting the data (the userEnter and the marks) appear in a table on the last page of the web.

Technology / Tools:

The project was a paired programming, I was writing and the professor was checking if it was okay. I wrote the HTML, CSS and JavaScript.

Git was initiated and the first commit was made at the start of the project, while a second commit which is the last was done at the end of the project.

Visual Studio Code

1. CSS
2. HTML
3. JavaScript

Internet explorer to check.

I started the project on the 3rd of May, 2022 and finished on the 14th of May, 2022.

Conclusion:

The purpose of this project was to practice what I have learnt and I was able to achieve learning more. The project can be extended to include....