Web Design and Development

4COSC011C.3

Report

Student Name: M.G. Dilhara Manthilina

Student ID: W1999520

IIt ID: 20221643

Group Number: L1

Student Role: Student 03

Link(s) to WebSite

URL:

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# Introduction

**Student 1 - Nisith induwara**

## Presentation Page

## Buy products

## Extra content page

## Student 2 - Abdullah aflal

* Main (home) page
* Site navigation bar
* Comments Form
* Page Editor Page
* Extra content page relevant to topic

**Student 3 - Dilhara Manthilina**

## Quiz

* Student details
* Page Editor Page
* Extra content page relevant to topic

**Student 4 - Dilmi Balasooriya**

* Diagram (SVG)
* Thumbnail Images
* Page Editor Page
* Extra content page

## Use of provided navigation bar

|  |  |  |
| --- | --- | --- |
| **Group Coursework Meetings** (minimum 5 meetings, e.g., one per week) | | |
| **1** | **Date & Time** | 28.07.2023 |
| **Objective:** | First Meeting: Student responsibilities were given and the website topic was decided. |
| **Attended:** | All members |
| **Your Contribution:** | provided suggestions for a relaxing color scheme for the pages and took the responsibility of student 4 |
| **2** | **Date & Time:** | 02.07.2023 |
| **Objective:** | Decided a common location to maintain the files. |
| **Attended:** | All members |
| **Your Contribution:** | Open a google drive folder and share the location with others. |
| **3** | **Date & Time:** | 12.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **4** | **Date & Time:** | 18.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **5** | **Date & Time:** | 19.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **6** | **Date & Time:** | 20.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |

|  |  |  |
| --- | --- | --- |
|  | **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **7** | **Date & Time:** | 21.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **8** | **Date & Time:** | 22.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **8** | **Date & Time:** | 22.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |
| **9** | **Date & Time:** | 22.07.2023 |
| **Objective:** | we tried to setup Git-hub but failed to do, |
| **Attended:** | All members |
| **Your Contribution:** | Downloaded the necessary software’s and git-hub repos but we couldn’t do as we expected. |

# Technical Discussion

I selected student number three. I made a interactive quiz with 10 questions which showed the correct answer each time with java script, css and html. I also made a content page for home page onfootball clubs with css and html as well as the about us page with student images and detail about each appear when hovering over them.

**Quiz**

The quiz was comprised of mainly java script code to verify if the answer is correct or wrong and to color the color the said answer in red or green.

**Difficulties faced.**

There were a few problems I encountered throughout this tutorial. The first question I came up with

Through the background images and product images were properly matched. Each division and

I found it easy to resize them into sections and separate partition classes. Further

I got help from w3 schools to learn how to combine images perfectly.

Another major issue I encountered was sizing up and down

Click the button to submit answers with and to start the quiz.

This, I used separate functions for each function.

The next problem came during form validation. I validated each field one by one

one. But the biggest problem came when the total number of answers were taken and to color the end prompt appropriately. I failed to this as such I put a normal interface in its place.

A lot of time was wasted to solve problems for me. I watched and got YouTube videos related to JavaScript

Help from Stack overflow and w3 schools to solve these problems.

# Webpage Validation Statement

* 1. Quiz
  2. Content
  3. Page editor
  4. About us

# Janet

# This is a football website. And the user data entered here will not be used in any unethical manner

# Chance and it will be confidential. If we turn this into a real server it will be a merchandise website that will help football fans to buy sporting goods and understand more about football.

# This template is free to use and build their actual website.

# References

* *GeeksforGeeks*. (n.d.). GeeksforGeeks. Retrieved July 24, 2023, from https://www.geeksforgeeks.org
* *W3Schools online web tutorials*. (n.d.). W3schools.com. Retrieved July 24, 2023, from <https://www.w3schools.com>

# Appendices

* 1. Quiz

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Quiz</title>

<link rel="stylesheet" href="Homepage.css">

<link rel="stylesheet" href="styles.css">

<link rel="preconnect" href="<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@500&family=Poppins:ital,wght@0,300;0,400;0,500;1,100&family=Roboto:wght@100;300;400;500&display=swap" rel="stylesheet">">

</head>

<body>

<header>

<section class="header">

<nav>

<a href="Homepage.html"><img src="images1/R.jpeg" alt="logo"></a>

<div class="nav-links">

<h1 class="webname">Football Mania</h1>

<ul>

<li><a href="Homepage.html">Home</a></li>

<li><a href="">Buy Products</a></li>

<li><a href="">Quiz</a></li>

<li><a href="">Gallery</a></li>

<li><a href="">Site Map</a></li>

<li><a href="">About us</a></li>

<li><a href="Feedback.html">Comments</a></li>

</ul>

</div>

</nav>

</header>

<div id="start-box" class="prompt-box start-box">

<h2>Welcome to the Quiz!</h2>

<p>Instructions: Read each question carefully and select the correct answer. You have 60 seconds to answer each question. Good luck!</p>

<button onclick="startQuiz()">Start Quiz</button>

</div>

<div class="quiz-container" style="display: none;">

<h1>Multiple Choice Quiz</h1>

<div id="timer">Time remaining: 60 seconds</div>

<p id="question">Question goes here...</p>

<div id="options">

</div>

<button id="submit-btn" onclick="checkAnswer()">Submit Answer</button>

<button id="next-btn" onclick="nextQuestion()" style="display: none;">Next Question</button>

<p id="result"></p>

</div>

<div id="end-box" class="prompt-box" style="display: none;">

<div class="end-content">

<h2>Quiz Ended</h2>

<p>Time taken: <span id="time-taken">0</span> seconds</p>

<p class="result-text">Correct answers: <span id="correct-answers">0</span> out of <span id="total-questions">0</span></p>

</div>

</div>

<script src="script.js"></script>

<div class="page-editor-link">

<a href="PageEditor.html">Page Editor</a>

</div>

</body>

</html>

* 1. Content

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Football clubs</title>

<link rel="stylesheet" href="Homepage.css">

<link rel="stylesheet" href="styles1.css">

<link rel="stylesheet" href="styles2.css">

<link rel="preconnect" href="<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@500&family=Poppins:ital,wght@0,300;0,400;0,500;1,100&family=Roboto:wght@100;300;400;500&display=swap" rel="stylesheet">">

</head>

<body>

<header>

<section class="header">

<nav>

<a href="Homepage.html"><img src="images1/R.jpeg" alt="logo"></a>

<div class="nav-links">

<h1 class="webname">Football Mania</h1>

<ul>

<li><a href="Homepage.html">Home</a></li>

<li><a href="">Buy Products</a></li>

<li><a href="">Quiz</a></li>

<li><a href="">Gallery</a></li>

<li><a href="">Site Map</a></li>

<li><a href="">About us</a></li>

<li><a href="Feedback.html">Comments</a></li>

</ul>

</div>

</nav>

</header>

<div class="content-section">

<br> <br> <br> <br> <br> <br>

<br> <br> <br>

<h2>Football Clubs</h2><br>

<img src="images1/clubs.jpeg" alt="famous clubs" height="100" width="150" class="center">

<p>A Football club or an association football club are organizations which perform sports activites against other football association clubs.</p>

<p>Thousands of Football clubs are found around the globe while also being different from one another. </p>

<p>Manchester City, Manchester United, Real Madrid, Barcelona, Liverpool are some of well known Football clubs.</p>

<p>Football clubs have been in practise since the 19th centuary and will continue to develop and spread in the future as well.</p>

<p>Professiotional Football players join these clubs to compete against other clubs. </p>

<p>Most of these clubs are sponsored by wealthy people or known branded goods to market themselves. </p>

<p>There is a very large fan base due to the high competitiveness and matches being held regularly.</p>

<p><h3>For more information <a href="https://en.wikipedia.org/wiki/Football\_club\_(association\_football)"><button>Click here</button></a></h3></p>

</div>

</div>

<footer>

<div class="Dilhara">

<p>Developed and Edited By : <a href="page editor.html"><button>Dilhara Manthilina</button></a></p>

</div>

</footer>

</body>

</html>

* 1. Page editor

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Page editor</title>

<link rel="stylesheet" href="Homepage.css">

<link rel="stylesheet" href="styles.css">

<link rel="preconnect" href="<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@500&family=Poppins:ital,wght@0,300;0,400;0,500;1,100&family=Roboto:wght@100;300;400;500&display=swap" rel="stylesheet">">

</head>

<body>

<header>

<section class="header">

<nav>

<a href="Homepage.html"><img src="images1/R.jpeg" alt="logo"></a>

<div class="nav-links">

<h1 class="webname">Football Mania</h1>

<ul>

<li><a href="Homepage.html">Home</a></li>

<li><a href="">Buy Products</a></li>

<li><a href="">Quiz</a></li>

<li><a href="">Gallery</a></li>

<li><a href="">Site Map</a></li>

<li><a href="">About us</a></li>

<li><a href="Feedback.html">Comments</a></li>

</ul>

</div>

</nav>

</header>

<div id="page-top"></div>

<br><br>

<div class="main-topic" id="head-top"><h1>Welcome to the Editors Page</h1></div>

<br><br>

<div class="detail-container">

<div class="inner-details">

<br><br>

<p>Name : Dilhara Manthilina</p>

<p>Role &nbsp;&nbsp;: Student 03</p>

<p>The pages that follow were created and edited by me !</p>

<br><br>

</div>

</div>

<br>

<div class="editor-text">

<p class="h-link"><a href="#head-bottom">Jump to the bottom</a></p>

<div class="inner-link">

<p><h2><u>Quiz Form</u></h2></p>

<p>Created a quiz form using HTML, javascript and specific CSS file.</p>

<p>Used javascript to evaluate the answers and go to the next question.</p>

<p class="h-link"><a href="Quiz.html">Link to the quiz</a></p>

<br>

</div>

<br><br>

<div class="inner-link">

<p><h2><u>Student Details</u></h2></p>

<p>Created a student details page using HTML and CSS</p>

<p>Added hover and view effects.</p>

<p>The student's roles and some of their details are shown in this page.</p>

<p class="h-link"><a href="C:\Users\mgdil\OneDrive\Desktop\WEB\New folder\Studentdetail.html">Link to Student Details</a></p>

<br>

</div>

<br><br><br>

<div class="inner-link">

<p><h2><u>Additional Page for student 3</u></h2></p>

<p>Created a page for footballclubs using HTML and CSS</p>

<p>There's a small description about them.</p>

<p class="h-link"><a href="C:\Users\mgdil\OneDrive\Desktop\WEB\New folder\Content.html">Link to the additional page</a></p>

<br>

</div>

<br><br>

<p class="h-link" id="head-bottom"><a href="#page-top">Move Up</a></p>

</div>

</body>

</html>

* 1. About us

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>About us</title>

<link rel="stylesheet" href="Homepage.css">

<link rel="preconnect" href="<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Montserrat:wght@500&family=Poppins:ital,wght@0,300;0,400;0,500;1,100&family=Roboto:wght@100;300;400;500&display=swap" rel="stylesheet">">

</head>

<body>

<section class="header">

<nav>

<a href="Homepage.html"><img src="images1/R.jpeg" alt="logo"></a>

<div class="nav-links">

<h1 class="webname">Football Mania</h1>

<ul>

<li><a href="Homepage.html">Home</a></li>

<li><a href="">Buy Products</a></li>

<li><a href="">Quiz</a></li>

<li><a href="">Gallery</a></li>

<li><a href="">Site Map</a></li>

<li><a href="">About us</a></li>

<li><a href="Feedback.html">Comments</a></li>

</ul>

</div>

</nav>

</header>

<style>

body {

margin: 0;

padding: 0;

font-family: Arial, sans-serif;

}

.task-bar {

background-color: #333;

color: #fff;

padding: 10px;

}

.member-container {

display: flex;

justify-content: center;

align-items: center;

height: 400px;

}

.member {

display: flex; /\* Display images in a row \*/

flex-direction: column;

align-items: center;

margin: 10px;

position: relative; /\* Set position to use as a reference for the name display \*/

}

.member img {

width: 200px; /\* Increase the image size \*/

height: 200px; /\* Increase the image size \*/

border: 1px solid #ccc;

border-radius: 50%;

transition: transform 0.2s, filter 0.2s; /\* Add transition effects for smooth animation \*/

}

.member img:hover {

transform: scale(1.1); /\* Add scaling effect on hover \*/

filter: blur(3px); /\* Blur the image when hovering \*/

}

.details-container {

text-align: center;

font-weight: bold;

position: absolute; /\* Position the details below the image \*/

bottom: -110px; /\* Set the details to appear below the image \*/

left: 50%; /\* Center the details horizontally \*/

transform: translateX(-50%); /\* Center the details properly \*/

background-color: rgba(0, 0, 0, 0.8); /\* Add a semi-transparent background for better visibility \*/

color: #fff; /\* Set text color to white for better visibility \*/

padding: 5px 10px;

border-radius: 5px;

width: 200px;

opacity: 0; /\* Hide the details by default \*/

transition: opacity 0.2s; /\* Add transition effect for smooth animation \*/

}

.member:hover .details-container {

opacity: 1; /\* Display the details when hovering over the image \*/

}

.details {

line-height: 1.5;

}

</style>

</head>

<div class="task-bar">

<!-- Add your task bar content here -->

</div>

<div class="member-container">

<div class="member">

<img src="images2/nisith.jpg" alt="Member 1">

<div class="details-container">

<div class="details">Name: Nisith Induwara</div>

<div class="details">Role: Student 1</div>

<div class="details">IIT ID: 20221712</div>

<div class="details">UOW ID: w2000719</div>

</div>

</div>

<div class="member">

<img src="images2/abdullah.jpg" alt="Member 2">

<div class="details-container">

<div class="details">Name: Abdullah Aflal </div>

<div class="details">Role: Student 2</div>

<div class="details">IIT ID: 20222340</div>

<div class="details">UOW ID: w1989032</div>

</div>

</div>

<div class="member">

<img src="images2/dilhara.jpg" alt="Member 3">

<div class="details-container">

<div class="details">Name:Dilhara Manthilina</div>

<div class="details">Role: Student 3</div>

<div class="details">IIT ID: 20221643</div>

<div class="details">UOW ID: w1999520</div>

</div>

</div>

<div class="member">

<img src="images2/dilmi.jpg" alt="Member 4">

<div class="details-container">

<div class="details">Name: Dilmi Balasooriya</div>

<div class="details">Role: Student 4</div>

<div class="details">IIT ID: 20220512</div>

<div class="details">UOW ID: w1953277</div>

</div>

</div>

</div>

<div class="page-editor-link">

<a href="page editor.html">Page Editor</a>

</div>

</body>

</html>

## Appendix B: Screenshots

* 1. Quiz

A screenshot of a computer

Description automatically generated

* 1. Content

A screenshot of a computer

Description automatically generated

* 1. Page editor

A screenshot of a computer

Description automatically generated

* 1. About us

A screenshot of a computer

Description automatically generated

## Appendix C: Screenshots - Webpage Validation Evidence

* 1. Quiz

A screenshot of a computer

Description automatically generated

* 1. Content

A screenshot of a computer

Description automatically generated

* 1. Page editor

A screenshot of a computer

Description automatically generated

* 1. About us

A screenshot of a computer

Description automatically generated

## Appendix D: Individual Statement

| Student Name: | Dilhara Manthilina | Student Id: | W1999520  20221643 |
| --- | --- | --- | --- |
| State what tasks you carried out in the project. | | | |
| Quiz  Content page football clubs  About us | | | |
| State what you enjoyed and did not enjoy about teamwork. | | | |
| My team was a very good team. We all worked together to accomplish that task. But there was few issues. We worked until the last moment. That was the only negative thing I experienced | | | |
| State what you learnt about teamwork. | | | |
| A team helps you to do task more quickly and efficiently. Exchanging ideas made me learn many things | | | |
| State what skills you gained/learnt from undertaking the project. | | | |
| Teamwork, learnt new thing related to html, CSS and JavaScript, listening to others were some skills I gained through this project. | | | |
| State any strengths about yourself that emerged whilst undertaking the project. | | | |
| I learned trending CSS styles and how to create websites in a user friendly manner as well as how to use javascript to implement a web page. | | | |
| State any weaknesses about yourself that emerged whilst undertaking the project. | | | |
| At first I had a lot of problems with html, CSS and mainly JavaScript. But refer  Lecture notes and YouTube videos made me learn more. | | | |
| State how you would do things better if you were to undertake the project again. | | | |
| I could make the website more responsive, start the project as early as possible, try to host our page and try to make it more user friendly and add more functions to the website. | | | |
| Additional general or project specific comments: | | | |
|  | | | |

## Appendix E: Task Completion Checklist

Complete the table to indicate if any of your tasks were not completed or partially completed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student 3 Tasks** | **Completed** | | | **Student Comments** |
| **Yes** | **No** | **Partially** |
| 2a - Main (Home) Page | **Yes** |  |  |  |
| 6 – Quiz | **Yes** |  |  |  |
| 8 - Student details | **Yes** |  |  |  |
| 9b - External CSS (9a reused) | **Yes** |  |  |  |
| 10 - Extra content page/anchors | **Yes** |  |  |  |
| 11 - Page Editor | **Yes** |  |  |  |
| 12 - Logo/Page Editor | **Yes** |  |  |  |
| 13 - Additional Interactivity | **Yes** |  |  |  |
| 14 - Uploaded to Server | **No** |  |  |  |