

**UNIVERSITY OF
WESTMINSTER**



**INFORMATICS
INSTITUTE OF
TECHNOLOGY**

**Web Design and Development
4COSC011W**

Report

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Student ID: W1830238 / 20200504

Group Number: I8

**Student Role:
Student 3**

Link(s) to Website

URL: <https://w1830238.users.ecs.westminster.ac.uk/>

Student 3

Quiz page: <https://w1830238.users.ecs.westminster.ac.uk/QuizPage.html>

Student Details page: <https://w1830238.users.ecs.westminster.ac.uk/personal.html>

Page editor page: <https://w1830238.users.ecs.westminster.ac.uk/Rukshan.html>

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1. Introduction

Team Members

- | | |
|----------------------------------|-----------------------|
| 1. Rukshan Liyanage | - w1830238 / 20200504 |
| 2. Navindu Perera | - w1830235 / 20200502 |
| 3. Vihanga Tharupathi Palihakkar | - w1839048 / 2019770 |
| 4. Lasith Bandara Herath | - w1830127 / 20200470 |

Task of each team member

1. Student 1 - Lasith Bandara Herath
2. Student 2 - Navindu Perera
3. Student 3 – Rukshan Liyanage
4. Student 4 - Vihanga Tharupathi Palihakkar

Topic of the Website – Sports

Website Name – ck Sports

2. Technical Discussion

Student 3:

Quiz

There were several key tasks that had to be contained in the quiz to be completed.

My site is contained with an interactive multiple-choice quiz about Sports. Quiz is consisting of 10 questions. I had to implement a function called “getRadioValue” to get the values from radio button.

```
14
15 function getRadioValue( radioArray ) {
16     var i;
17     for ( i = 0; i < radioArray.length; i++ ) {
18         if ( radioArray[ i ].checked ) {
19             return radioArray[ i ].value;
20         }
21     }
22     return "";
23 }
24
```

I had to implement another function called “displayResults()” to compare values that got from the radio buttons with the correct answer. By using “If”, “else” conditions if the radio button value matches the correct answer it will add 2 to the “correctScore” variable. If the values do not match 2 will be added to the “incorrectScore” variable.

```
25 function displayResults(){
26     //Comparing the selected answers with correct ones
27     if (getRadioValue(document.quiz.q1)==3) {
28         correctScore+=2;
29         result[0]="correct";
30     }
31     else{
32         incorrectScore+=1;
33         result[0]="incorrect";
34     }
35     if (getRadioValue(document.quiz.q2)==1) {
36         correctScore+=2;
37         result[1]="correct";
38     }
39     else{
40         incorrectScore+=1;
41         result[1]="incorrect";
42     }
43     if (getRadioValue(document.quiz.q3)==4) {
44         correctScore+=2;
45         result[2]="correct";
46     }
47     else{
48         incorrectScore+=1;
49         result[2]="incorrect";
50     }
51     if (getRadioValue(document.quiz.q4)==1) {
52         correctScore+=2;
53         result[3]="correct";
54     }
55     else{
56         incorrectScore+=1;
57         result[3]="incorrect";
58     }
59     if (getRadioValue(document.quiz.q5)==2) {
60         correctScore+=2;
61         result[4]="correct";
62     }
63     else{
64         incorrectScore+=1;
65         result[4]="incorrect";
66     }
67     if (getRadioValue(document.quiz.q6)==1) {
```

```

67 | if (getRadioValue(document.quiz.q6)==1) {
68 |     correctScore+=2;
69 |     result[5]="correct";
70 | }
71 | else{
72 |     incorrectScore+=1;
73 |     result[5]="incorrect";
74 | }
75 | if (getRadioValue(document.quiz.q7)==3) {
76 |     correctScore+=2;
77 |     result[6]="correct";
78 | }
79 | else{
80 |     incorrectScore+=1;
81 |     result[6]="incorrect";
82 | }
83 | if (getRadioValue(document.quiz.q8)==3) {
84 |     correctScore+=2;
85 |     result[7]="correct";
86 | }
87 | else{
88 |     incorrectScore+=1;
89 |     result[7]="incorrect";
90 | }
91 | if (getRadioValue(document.quiz.q9)==1) {
92 |     correctScore+=2;
93 |     result[8]="correct";
94 | }
95 | else{
96 |     incorrectScore+=1;
97 |     result[8]="incorrect";
98 | }
99 | if (getRadioValue(document.quiz.q10)==4) {
100 |     correctScore+=2;
101 |     result[9]="correct";
102 | }
103 | else{
104 |     incorrectScore+=1;
105 |     result[9]="incorrect";
106 | }
107 |

```

End of the If-else condition the total score will be calculated and store in a variable called "totalScore".

```

101 |     result[9]="correct";
102 | }
103 | else{
104 |     incorrectScore+=1;
105 |     result[9]="incorrect";
106 | }
107 |
108 | //Counting the total score
109 | totalScore = correctScore - incorrectScore;
110 | displayScore();
111 | }

```

To complete the quiz user will get only 1 minute. So, I had to implement several function to set a timer to count the time and stop the quiz after 1 min. Also stop the time when the user is done with quiz.

```

150
151     var myVar;
152
153     function myFunction(){
154         myVar=setTimeout(function () {stop();alert("Times Up! Check Your Score");displayResults() ;},60000);
155     }
156
157
158
159     //This function will stop the time and display the results
160     function endQuiz(){
161         clearTimeout(myVar);
162         displayResults();
163     }
164
165     var timeElapsed = 0;
166     var myTimer = 0;
167
168     //This function will start the timer
169     function timer() {
170         myTimer = setInterval(function(){
171             timeElapsed += 1;
172             document.getElementById("time").innerText = timeElapsed;
173             }, 1000) ;
174     }
175
176     function stop() {
177         clearInterval(myTimer);
178     }
179

```

“myFunction()” function will set the timer for 60 seconds and it will start counting right after the user click the start button. After the time is up it will automatically end the quiz with warning message. If the user click “Done” button “endQuiz()” function will be called. It will stop the time and display the results.

“time()” function will display a stopwatch to the user. Variable “timeElapsed” will be helpful to display the time that user took to complete the quiz.

“Start” button:

```

33
34     <input type="button" value="Start!" class="btn-hover color-1" onclick="start (); myFunction(); timer(); ">
35

```

“Done” button:

```

109     <input type="button" value="Done" class="sumbitBtn" onclick="endQuiz(); stop();">

```

A task was given to change the Background color depending on how the user scored and display the total score, time, and summary of the result. In order to complete the task, I created a function called “displayScore”.

```

112
113 function displayScore() {
114     output="You have Scored = " + totalScore;
115
116     var one = "Question 1 : Your Answer is " + result[0];
117     var two = "Question 2 : Your Answer is " + result[1];
118     var three = "Question 3 : Your Answer is " + result[2];
119     var four = "Question 4 : Your Answer is " + result[3];
120     var five = "Question 5 : Your Answer is " + result[4];
121     var six = "Question 6 : Your Answer is " + result[5];
122     var seven = "Question 7 : Your Answer is " + result[6];
123     var eight = "Question 8 : Your Answer is " + result[7];
124     var nine = "Question 9 : Your Answer is " + result[8];
125     var ten = "Question 10 : Your Answer is " + result[9];
126
127     var y = document.getElementById("endDisplay");
128     y.style.display = "block";
129
130     var timeCount = "Time : " + timeElapsed + " Seconds ";
131
132     //Displaying the correct/incorrect answers
133     document.getElementById("endDisplay").innerHTML="<span>" + output + "</span><br><span>" + timeCount + "</span><br><span>" + one + "</span><br><span>" + two + "</span><br><span>" +
134
135     //Depending on the correct answers background color will be changed
136     if (correctScore>15){
137         document.getElementById("backColor").style.backgroundColor="#03AC13";
138     }
139     else if (correctScore>9){
140         document.getElementById("backColor").style.backgroundColor="#DFFF00";
141     }
142     else if (correctScore > 0){
143         document.getElementById("backColor").style.backgroundColor="orange";
144     }
145     else {
146         document.getElementById("backColor").style.backgroundColor="#CC1100";
147     }
148 }
149
150

```

Variables “one”, “two”, “three”, etc... will store whether the chosen answer to question is correct or incorrect. By using “document.getElementById”, all the scores, time will be displayed.

Student details

To complete the student details task, I Used <div></div> tags to each member as a container and applied proper CSS to display some details about student when the mouse is hovering on his Picture.

```

36
37 <div class="container">
38     
39     <div class="overlay1">
40         <div class="text"><p><b>Lasith Bandara Herath</b></p><br><p>Student 1</p><br><p>w1830127</p></div>
41     </div>
42 </div>
43 <br><br><br>
44
45 <div class="container">
46     
47     <div class="overlay2">
48         <div class="text"><p><b>Navindu Perera</b></p><br><p>Student 2</p><br><p>w1830235</p></div>
49     </div>
50 </div>
51 <br><br><br>
52
53 <div class="container">
54     
55     <div class="overlay1">
56         <div class="text"><p><b>Rukshan Liyanage</b></p><br><p>Student 3</p><br><p>w1830238</p></div>
57     </div>
58 </div>
59 <br><br><br>
60
61 <div class="container">
62     
63     <div class="overlay2">
64         <div class="text"><p><b>Vihanga Tharupathi Palihakkara</b></p><br><p>Student 4</p><br><p>w1839048</p></div>
65     </div>
66 </div>
67

```



```
113 .overlay2 {
114   position: absolute;
115   top: 20%;
116
117
118   overflow: hidden;
119   height: 10%;
120   width: 400px;
121
122   opacity: 0;
123   transition: .5s ease;
124   background-color: #dff7f7;
125 }
126
127 .overlay1 {
128   position: absolute;
129
130   top: 20%;
131   left: 450px;
132
133
134   height: 50%;
135   width: 400px;
136   opacity: 0;
137   transition: .5s ease;
138   background-color: #dff7f7;
139 }
140 .container:hover .overlay2 {
141   height: 50%;
142
143   opacity: 1;
144 }
145 .container:hover .overlay1 {
146   width: 100%;
147   opacity: 1;
148 }
```

3. Janet

This is page was created and developed for the purpose of coursework specification under MODULE: (2020) 4COSC011C.3 Web Design and Development, university of Westminster.

- Pictures that used in the website are not copyrighted and proper creditors are given.
- Website will not allow any defamatory content.
- Website will not allow any unrequested advertising or similar activities in any form.
- Platform will not create or share any offensive information.
- Website will not unauthorizedly breach or hack user data and use them for illegal purpose.

References

W3Schools:

- W3Schools, 2021. W3Schools. [Online] Available at: <https://www.w3schools.com/html/> [Accessed 18 July 2021].
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- W3Schools, 2021. W3Schools. [Online] Available at: https://www.w3schools.com/jsref/met_win_settimeout.asp [Accessed 19 July 2021].

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Appendices

Appendix A: Code

- Quiz HTML code.
- Quiz Java Script code.
- Quiz CSS code.
- Student Details HTML code.
- Student Details CSS code.
- Page editor HTML code.

Quiz HTML code

Filename: QuizPage.html

Code:

```
<!doctype html>
<html lang='en'>
<head>
    <meta charset="utf-8">

    <title>Quiz</title>

    <link rel="stylesheet" type="text/css" href="QuizCss.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>

<body>

    <div class="backgroundimage">
    <!-- Navigation bar -->
        <div class="menu">
            

            <ul>
                <li><a href="">Home</a></li>
                <li><a href="QuizPage.html">Quiz</a></li>
                <li><a href="">Thumbnail</a></li>
                <li><a href="">Products</a></li>
                <li><a href="personal.html">Student Details</a></li>
                <li><a href="">Sitemap</a></li>
                <li><a href="">Contact Us</a></li>
            </ul>
        </div>

    <!--Form-->

    <h1>Quiz</h1>
```

```
<input type="button" value="Start!" class="btn-hover color-1" onclick="start ();
myFunction(); timer(); ">
```

```
<div id="backColor">
<form name="quiz" id="quizForm">
  <p>1.The Olympics are held every how many years? </p><br>
    <p><input type="radio" name="q1" id="q1a" value=1><label
for="q1a">A. 5 Years</label></p>
    <p><input type="radio" name="q1" id="q1b" value=2><label
for="q1b">B. 2 Years</label></p>
    <p><input type="radio" name="q1" id="q1c" value=3><label
for="q1c">C. 4 Years</label></p>
    <p><input type="radio" name="q1" id="q1d" value=4><label
for="q1d">D. 8 Years</label></p>

  <br>
  <p>2.How old was Mike Tyson when he became the undisputed heavyweight
champion?</p><br>
    <p><input type="radio" name="q2" id="q2a" value=1><label
for="q2a">A. 20 Years</label></p>
    <p><input type="radio" name="q2" id="q2b" value=2><label
for="q2b">B. 19 Years</label></p>
    <p><input type="radio" name="q2" id="q2c" value=3><label
for="q2c">C. 23 Years</label></p>
    <p><input type="radio" name="q2" id="q2d" value=4><label
for="q2d">D. 25 Years</label></p>

  <br>
  <p>3.Which sport uses a net, a racket, and a shuttlecock?</p><br>
    <p><input type="radio" name="q3" id="q3a" value=1><label
for="q3a">A. Table Tennis</label></p>
    <p><input type="radio" name="q3" id="q3b" value=2><label
for="q3b">B. Sqaush</label></p>
    <p><input type="radio" name="q3" id="q3c" value=3><label
for="q3c">C. Tennis</label></p>
    <p><input type="radio" name="q3" id="q3d" value=4><label
for="q3d">D. Badminton</label></p>

  <br>
  <p>4.Which country won last FIFA World Cup(2018)?</p><br>
    <p><input type="radio" name="q4" id="q4a" value=1><label
for="q4a">A. France</label></p>
    <p><input type="radio" name="q4" id="q4b" value=2><label
for="q4b">B. Croatia</label></p>
    <p><input type="radio" name="q4" id="q4c" value=3><label
for="q4c">C. Belgium</label></p>
    <p><input type="radio" name="q4" id="q4d" value=4><label
for="q4d">D. England</label></p>

  <br>
  <p>5.Where were the first Summer Olympics held?</p><br>
    <p><input type="radio" name="q5" id="q5a" value=1><label for =
"q5a">A. China</label></p>
    <p><input type="radio" name="q5" id="q5b" value=2><label for =
"q5b">B. Greece</label></p>
```

<p><input type="radio" name="q5" id="q5c" value=3><label for =
"q5c">C. Norway</label></p>

<p><input type="radio" name="q5" id="q5d" value=4><label for =
"q5d">D. United States</label></p>

<p>6. Who is the current Sri Lanka ODI captain?</p>

<p><input type="radio" name="q6" id="q6a" value=1><label for =
"q6a">A. Dimuth Karunaratne</label></p>

<p><input type="radio" name="q6" id="q6b" value=2><label for =
"q6b">B. Angelo Mathews</label></p>

<p><input type="radio" name="q6" id="q6c" value=3><label for =
"q6c">C. Kusal Perera</label></p>

<p><input type="radio" name="q6" id="q6d" value=4><label for =
"q6d">D. Dinesh Chandimal</label></p>

<p>7. Which Sri Lankan won the Player of the Series award in the 1996 ICC
World Cup?</p>

<p><input type="radio" name="q7" id="q7a" value=1><label for =
"q7a">A. Aravinda de Silva</label></p>

<p><input type="radio" name="q7" id="q7b" value=2><label for =
"q7b">B. Romesh Kaluwitharana</label></p>

<p><input type="radio" name="q7" id="q7c" value=3><label for =
"q7c">C. Sanath Jayasuriya</label></p>

<p><input type="radio" name="q7" id="q7d" value=4><label for =
"q7d">D. Arjuna Ranatunga</label></p>

<p>8. Who won most ICC World Cups?</p>

<p><input type="radio" name="q8" id="q8a" value=1><label for =
"q8a">A. South Africa</label></p>

<p><input type="radio" name="q8" id="q8b" value=2><label for =
"q8b">B. England</label></p>

<p><input type="radio" name="q8" id="q8c" value=3><label for =
"q8c">C. Australia</label></p>

<p><input type="radio" name="q8" id="q8d" value=4><label for =
"q8d">D. India</label></p>

<p>9. For which team does Lasith Malinga play in IPL?</p>

<p><input type="radio" name="q9" id="q9a" value=1><label for =
"q9a">A. Mumbai Indians</label></p>

<p><input type="radio" name="q9" id="q9b" value=2><label for =
"q9b">B. Kolkata Knight Riders</label></p>

<p><input type="radio" name="q9" id="q9c" value=3><label for =
"q9c">C. Chennai Super Kings</label></p>

<p><input type="radio" name="q9" id="q9d" value=4><label for =
"q9d">D. Rajasthan Royals</label></p>

<p>10. Which year did Sri Lanka win the T20 World Cup?</p>

<p><input type="radio" name="q10" id="q10a" value=1><label for =
"q10a">A. 2011</label></p>

```

        <p><input type="radio" name="q10" id="q10b" value=2><label for =
"q10b">B.2015</label></p>
        <p><input type="radio" name="q10" id="q10c" value=3><label for =
"q10c">C.2009</label></p>
        <p><input type="radio" name="q10" id="q10d" value=4><label for =
"q10d">D.2014</label></p>

```

```

        <br>
        <div>Seconds: <span id="time"></span></div>
        <input type="button" value="Done" class="sumbitBtn"
onclick="endQuiz(); stop();">

```

```

</form>
</div>

```

```

<div id="endDisplay"></div>
<!-- Footer -->
<br><br><br>
<footer>
<br><br>
<a
href="#top">Back To The Top</a>
<div class="social">
<a href="https://www.facebook.com"><i class="fa fa-facebook"></i></a>
<a href="https://twitter.com"><i class="fa fa-twitter"></i></a>
<a href="https://www.instagram.com"><i class="fa fa-instagram"></i></a>
<a href="https://lk.linkedin.com"><i class="fa fa-linkedin"></i></a>

```

```

        <p class="copyright">CK SPORTS © 2021</p>
</div>
        <div class="pageEditor"><a href="Rukshan.html" id="PageEditor" style="text-
decoration:none;color : Green">Page Editor</a></div>

```

```

</footer>
</div>

```

```

<script src="QuizJs.js"></script>
</body>
</html>

```

Quiz Java Script code

Filename: QuizJs.js

Code:

```
function start(){
    var x = document.getElementById("quizForm");
    x.style.display = "block";
}

var totalScore;
var correctScore=0;
var incorrectScore=0;
var result=[];
var output;

function getRadioValue( radioArray ) {
    var i;
    for ( i = 0; i < radioArray.length; i++ ) {
        if ( radioArray[ i ].checked ) {
            return radioArray[ i ].value;
        }
    }
    return "";
}

function displayResults(){
    //Comparing the selected answers with correct ones
    if (getRadioValue(document.quiz.q1)==3){
        correctScore+=2;
        result[0]="correct";
    }
    else{
        incorrectScore+=1;
        result[0]="incorrect";
    }

    if (getRadioValue(document.quiz.q2)==1){
        correctScore+=2;
        result[1]="correct";
    }
    else{
        incorrectScore+=1;
        result[1]="incorrect";
    }

    if (getRadioValue(document.quiz.q3)==4){
        correctScore+=2;
        result[2]="correct";
    }
    else{
```



```
incorrectScore+=1;
result[2]="incorrect";
}
    if (getRadioValue(document.quiz.q4)==1){
        correctScore+=2;
        result[3]="correct";
    }
else{
    incorrectScore+=1;
    result[3]="incorrect";
}
    if (getRadioValue(document.quiz.q5)==2){
        correctScore+=2;
        result[4]="correct";
    }
else{
    incorrectScore+=1;
    result[4]="incorrect";
}
    if (getRadioValue(document.quiz.q6)==1){
        correctScore+=2;
        result[5]="correct";
    }
else{
    incorrectScore+=1;
    result[5]="incorrect";
}
    if (getRadioValue(document.quiz.q7)==3){
        correctScore+=2;
        result[6]="correct";
    }
else{
    incorrectScore+=1;
    result[6]="incorrect";
}
    if (getRadioValue(document.quiz.q8)==3){
        correctScore+=2;
        result[7]="correct";
    }
else{
    incorrectScore+=1;
    result[7]="incorrect";
}
    if (getRadioValue(document.quiz.q9)==1){
        correctScore+=2;
        result[8]="correct";
    }
else{
    incorrectScore+=1;
    result[8]="incorrect";
}
    if (getRadioValue(document.quiz.q10)==4){
        correctScore+=2;
        result[9]="correct";
    }
}
```

```
    else{
        incorrectScore+=1;
        result[9]="incorrect";
    }

    //Counting the total score
    totalScore = correctScore - incorrectScore;
    displayScore();
}

function displayScore(){
    output="You have Scored = " + totalScore;

    var one = "Question 1 : Your Answer is " + result[0];
    var two = "Question 2 : Your Answer is " + result[1];
    var three = "Question 3 : Your Answer is " + result[2];
    var four = "Question 4 : Your Answer is " + result[3];
    var five = "Question 5 : Your Answer is " + result[4];
    var six = "Question 6 : Your Answer is " + result[5];
    var seven = "Question 7 : Your Answer is " + result[6];
    var eight = "Question 8 : Your Answer is " + result[7];
    var nine = "Question 9 : Your Answer is " + result[8];
    var ten = "Question 10 : Your Answer is " + result[9];

    var y = document.getElementById("endDisplay");
    y.style.display = "block";

    var timeCount = "Time : " + timeElapsed + " Seconds ";

    //Displaying the correct/incorrect answers
    document.getElementById("endDisplay").innerHTML="<span>" + output +
    "</span><br><span>" +timeCount+ "</span><br><br><span>" + one +
    "</span><br><span>" + two + "</span><br><span>" + three + "</span><br><span>" + four
    + "</span><br><span>" + five + "</span><br><span>" + six + "</span><br><span>" +
    seven + "</span><br><span>" + eight + "</span><br><span>" + nine +
    "</span><br><span>" + ten + "</span><br>";

    //Depending on the correct answers background color will be changed
    if (correctScore>15){
        document.getElementById("backColor").style.backgroundColor="#03AC13";
    }
    else if (correctScore>9){
        document.getElementById("backColor").style.backgroundColor="#DFFF00";
    }
    else if (correctScore > 0){
        document.getElementById("backColor").style.backgroundColor="orange";
    }
    else {
        document.getElementById("backColor").style.backgroundColor="#CC1100";
    }
}

var myVar;
```

```
function myFunction(){  
    myVar=setTimeout(function (){stop();alert("Times Up! Check Your  
Score");displayResults() ;},60000);  
}
```

```
//This function will stop the time and display the results  
function endQuiz(){  
    clearTimeout(myVar);  
    displayResults();  
}
```

```
var timeElapsed = 0;  
var myTimer = 0;
```

```
//This function will start the timer  
function timer() {  
    myTimer = setInterval(function(){  
        timeElapsed += 1;  
        document.getElementById("time").innerText = timeElapsed;  
    }, 1000) ;  
}  
function stop() {  
    clearInterval(myTimer);  
}
```

Quiz CSS code

Filename: QuizCss.css

Code:

```
*{
  margin: 0;
  padding: 0;
  font-family: 'Poppins', sans-serif;
}
.menu{
  width: 85%;
  margin: auto;
  padding: 35px 0;
  display: flex;
  align-items: center;
  justify-content: space-between;
  font-size: 18px;
}
.logo{
  width: 150px;
}
.menu ul li{
  list-style: none;
  display: inline-block;
  margin: 0 20px;
  position: relative;
}
.menu ul li a{
  color: white;
  text-decoration: none;
  font-size : 20px;
  -webkit-text-stroke: 1px white;
}
.menu ul li::after{
  content: "";
  height: 3px;
  width: 0;
  background: #1ac6ff;
  position: absolute;
  left: 0;
  bottom: -10px;
  transition: 0.5s;
}
.menu ul li:hover::after{
  width: 100%;
}

.backgroundimage{
```

```
        background-image: url("pictures/nba3.jpg") ,
                           url("pictures/rugby2.jpg");
background-position: top, bottom;
background-size: 1700px 1100px, 2000px 1200px;
background-repeat: no-repeat, no-repeat;

}
form {
    font-family: 'Quicksand', sans-serif;
    border: 2px solid black;
    text-align: center;
    width: 500px;
    margin-left: 500px;
}

h1 {
    text-align: center;
    color: rgb(205,230,236);
    font-family: 'Quicksand', sans-serif;
    font-weight: 300;
    font-size: 70px;
    margin-top: 100px;
}

.submitBtn {

    color: white;
    width: 200px;
    height: 50px;
    border-radius: 30px;
    font-size: 20px;

    margin-top: 30px;
    cursor: pointer;
    margin-bottom: 30px;

    background-image: linear-gradient(to right, #667eea, #764ba2, #6B8DD6, #8E37D7);
    box-shadow: 0 4px 15px 0 rgba(116, 79, 168, 0.75);
}

.submitBtn:hover {
    background: linear-gradient(to bottom, #3acfd5 0%, #0aa35e 100%);
}

#endDisplay {
    display: none;
    backdrop-filter: blur(5px);
    background-color: rgb(20,38,52);
    border: 3px solid black;
    border-radius: 50px;
    width: 800px;
    margin-left: 350px;
    margin-top: 50px;
}
```

```
        color: white;
        font-size: 20px;
        padding: 25px;
        text-align: center;
    }

    #quizForm{
        background-color: #242526;
        display: none;
        color: white;
    }

    .btn-hover {

        width: 200px;
        font-size: 16px;
        font-weight: 600;
        color: #fff;
        cursor: pointer;
        margin: 20px;
        margin-left: 650px;
        height: 55px;
        text-align: center;
        border: none;
        background-size: 300% 100%;
        border-radius: 50px;

        -o-transition: all .4s ease-in-out;
        -webkit-transition: all .4s ease-in-out;
        transition: all .4s ease-in-out;
    }

    .btn-hover:hover {
        background-position: 100% 0;

        -o-transition: all .4s ease-in-out;
        -webkit-transition: all .4s ease-in-out;
        transition: all .4s ease-in-out;
    }

    .btn-hover:focus {
        outline: none;
    }

    .btn-hover.color-1 {
        background-image: linear-gradient(to right, #25aae1, #40e495, #30dd8a, #2bb673);
        box-shadow: 0 4px 15px 0 rgba(49, 196, 190, 0.75);
    }

    footer {
        position: relative;
```

```
    bottom: 0;
    left: 0;
    right: 0;
    margin-bottom: 0%;
    height:200px;
    background-color: orange;
}
```

```
footer a{
    color:white;
}
footer a:hover{
    color: grey;
}
```

```
    .social > a {
font-size:24px;
width:40px;
height:40px;
line-height:40px;
display:inline-block;
text-align:center;
border-radius:50%;
border:1px solid #ccc;
margin:0 8px;
color:inherit;
opacity:0.75;
}
    .copyright {
    margin-top:15px;
    text-align:center;
    font-size:13px;
    margin-bottom:0;
}
    .social {
    text-align:center;
}
    .pageEditor {
    text-align:center;
}
```

Student Details HTML code

Filename: personal.html

Code:

```
<!DOCTYPE html>
<html lang='en'>
<head>
<meta charset="UTF-8">
<title>Student Details</title>

  <link rel="stylesheet" type="text/css" href="PersonDetailsCss.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
<div class="backgroundimage">

                                <!-- Navigation bar -->
  <div class="menu">
    

    <ul>
      <li><a href="">Home</a></li>
      <li><a href="QuizPage.html">Quiz</a></li>
      <li><a href="">Thumbnail</a></li>
      <li><a href="">Products</a></li>
      <li><a href="personal.html">Student Details</a></li>
      <li><a href="">Sitemap</a></li>
      <li><a href="">Contact Us</a></li>
    </ul>
  </div>

  <h1>Student Details</h1>
  <br><br><br>

  <div class="container">
    
    <div class="overlay1">
      <div class="text"><p><b>Lasith Bandara Herath</b></p><br><p>Student
1</p><br><p>w1830127</p></div>
    </div>
  </div>
  <br><br><br>
```



```

<div class="container">
  
  <div class="overlay2">
    <div class="text"><p><b>Navindu Perera</b></p><br><p>Student
2</p><br><p>w1830235</p></div>
  </div>
</div>
<br><br><br>

<div class="container">
  
  <div class="overlay1">
    <div class="text"><p><b>Rukshan Liyanage</b></p><br><p>Student
3</p><br><p>W1830238</p></div>
  </div>
</div>
<br><br><br>

<div class="container">
  
  <div class="overlay2">
    <div class="text"><p><b>Vihanga Tharupathi Palihakkara</b></p><br><p>Student
4</p><br><p>w1839048</p></div>
  </div>
</div>

<br><br><br>
  <!-- Footer -->
  <footer>
    <br><br>
    <a
href="#top">Back To The Top</a>
    <div class="social">
      <a href="https://www.facebook.com"><i class="fa fa-facebook"></i></a>
      <a href="https://twitter.com"><i class="fa fa-twitter"></i></a>
      <a href="https://www.instagram.com"><i class="fa fa-instagram"></i></a>
      <a href="https://lk.linkedin.com"><i class="fa fa-linkedin"></i></a>

      <p class="copyright">CK SPORTS © 2021</p>
    </div>
    <div class="pageEditor"><a href="Rukshan.html" id="PageEditor" style="text-
decoration:none;color : Green" >Page Editor</a></div>
  </footer>

</div>
</body>
</html>

```

Student Details CSS code

Filename: PersonDetailsCss.css

Code:

```
*{
  margin: 0;
  padding: 0;
  font-family: 'Poppins', sans-serif;
}
.menu{
  width: 85%;
  margin: auto;
  padding: 35px 0;
  display: flex;
  align-items: center;
  justify-content: space-between;
  font-size: 18px;
}
.logo{
  width: 150px;
}
.menu ul li{
  list-style: none;
  display: inline-block;
  margin: 0 20px;
  position: relative;
}
.menu ul li a{
  color: black;
  font-size : 20px;
  -webkit-text-stroke: 0.5px black;
  text-decoration: none;
}
.menu ul li::after{
  content: "";
  height: 3px;
  width: 0;
  background: #05b33f;
  position: absolute;
  left: 0;
  bottom: -10px;
  transition: 0.5s;
}
.menu ul li:hover::after{
```

```
width: 100%;  
}
```

```
body{  
  height: 100%;  
  margin: 0;  
  background-color: black;  
}  
.backgroundimage{  
  
background-image: url("pictures/group.jpg");  
  height: 100%;  
  width:100%;  
  
  margin-top: 0%;  
  
  background-repeat: no-repeat;  
  background-size: cover;  
}
```

```
h1{  
  font-family: 'Poppins';  
  text-align: center;  
  color: black;  
  font-size: 45px;  
}  
.container {  
  
  margin-left: auto;  
  margin-right: auto;  
  position: relative;  
  width: 25%;  
}  
.image1 {  
  
  width: 250px;  
  height: 400px;  
  opacity: 1;  
  
}  
.image2 {  
  display: block;  
  width: 300px;  
  height: 400px;  
  margin-left:500px;  
  
}
```

```
.image3 {  
  
    width: 300px;  
    height: 450px;  
  
}  
  
.image4 {  
    display: block;  
    width: 100%;  
    height: auto;  
    margin-left: 500px;  
}  
  
.overlay2 {  
    position: absolute;  
    top: 20%;  
  
    overflow: hidden;  
    height: 10%;  
    width: 400px;  
  
    opacity: 0;  
    transition: .5s ease;  
    background-color: #dff7f7;  
}  
.overlay1 {  
    position: absolute;  
  
    top: 20%;  
    left: 450px;  
  
    height: 50%;  
    width: 400px;  
    opacity: 0;  
    transition: .5s ease;  
    background-color: #dff7f7;  
}  
.container:hover .overlay2 {  
    height: 50%;  
  
    opacity: 1;  
}  
.container:hover .overlay1 {  
    width: 100%;  
    opacity: 1;  
}  
  
.text {  
    overflow: hidden;
```

```
color: black;
font-size: 20px;
position: absolute;
top: 50%;
left: 50%;
-webkit-transform: translate(-50%, -50%);
-ms-transform: translate(-50%, -50%);
transform: translate(-50%, -50%);
text-align: center;
}

    footer {
        position: relative;
        bottom: 0;

        left: 0;
        right: 0;
        margin-bottom: 0%;

        height: 200px;
        background-color: orange;

    }

        footer a{
            color: white;
        }
        footer a:hover{
            color: grey;
        }

.social > a {
font-size: 24px;
width: 40px;
height: 40px;
line-height: 40px;
display: inline-block;
text-align: center;
border-radius: 50%;
border: 1px solid #ccc;
margin: 0 8px;
color: inherit;
opacity: 0.75;
}
.copyright {
margin-top: 15px;
text-align: center;
font-size: 13px;
margin-bottom: 0;
}
.social {
text-align: center;
}
.pageEditor {
text-align: center;
}
```

Page Editor HTML code

Filename: Rukshan.html

Code:

```
<!doctype html>
<html lang='en'>
  <head>
    <meta charset="UTF-8">
    <title>Page Editor</title>
    <style>

      h1{
        font-family: 'Quicksand', sans-serif;
        text-align: center;
        font-size: 40px;
        color:rgb(62,114,159);
      }
      .editorPic{
        height: 450px;
        width: 350px;
        float: right
      }
      .details{
        margin-left:300px;
        margin-right:200px;
        margin-top:100px;
        border: 3px solid black;
        color: white;
        font-size:20px;
        font-family: 'Quicksand', sans-serif;
      }
      body{
        background-image: url("pictures/working.jpg");
        background-size: 1500px 800px;
      }
      a{
        color:rgb(107,139,186);
      }
      a:hover{
        color:rgb(92,225,195);
      }
    </style>
  </head>
```

```
<body>

<h1><b>Page Editor</b></h1>
  <div class="details">
    <p>Name: Rukshan Liyanage</p>

    <dl>
      <dt>Role in the coursework</dt>
      <dd> Student 3
        <ul>
          <li>Quiz</li>
          <li>Student Details</li>
        </ul>
      </dd>

      <dt>List of Task</dt>
      <dd>
        <ul>
          <li>Created the Quiz Page</li>
          <li>Applied proper CSS and JavaScript for the Quiz Page</li>
          <li>Created the Student Details Page</li>
          <li>Applied proper CSS for the Student details Page</li>
        </ul>
      </dd>
    </dl>
  </div>

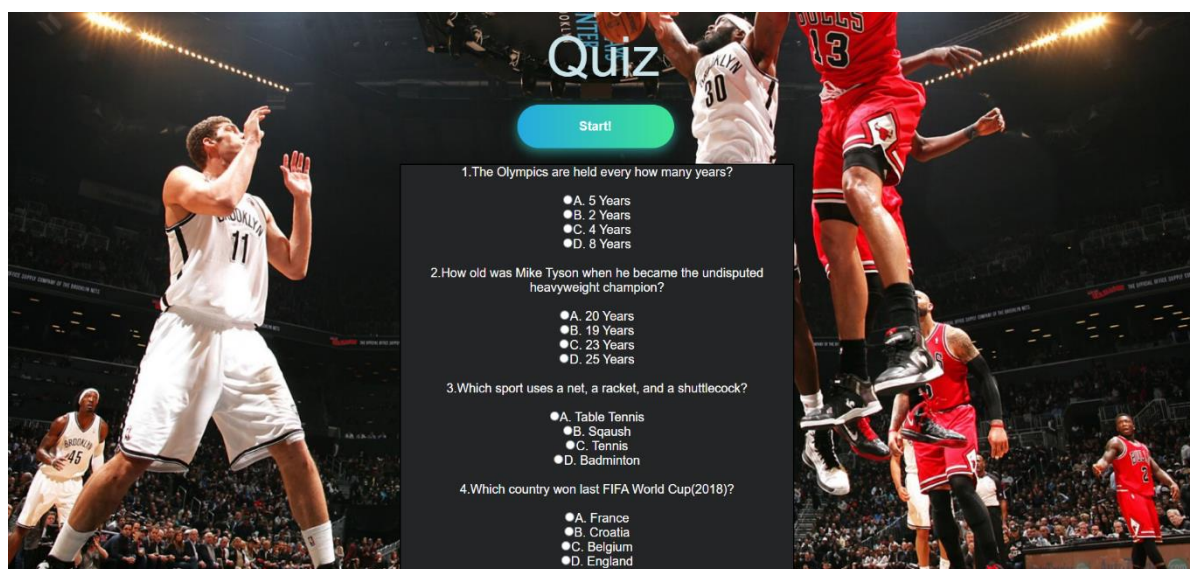
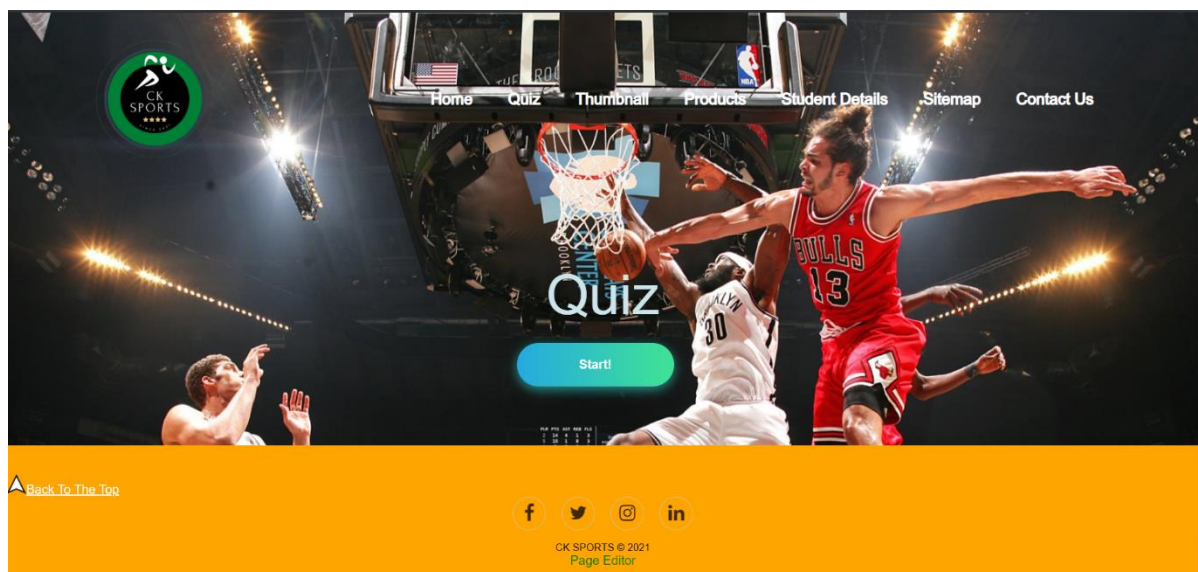
  <a
href="personal.html">Back to Personal Details Page</a><br>
  <a
href="QuizPage.html">Back to Quiz Page</a>

</body>
</html>
```

Appendix B: Screenshots

Quiz:

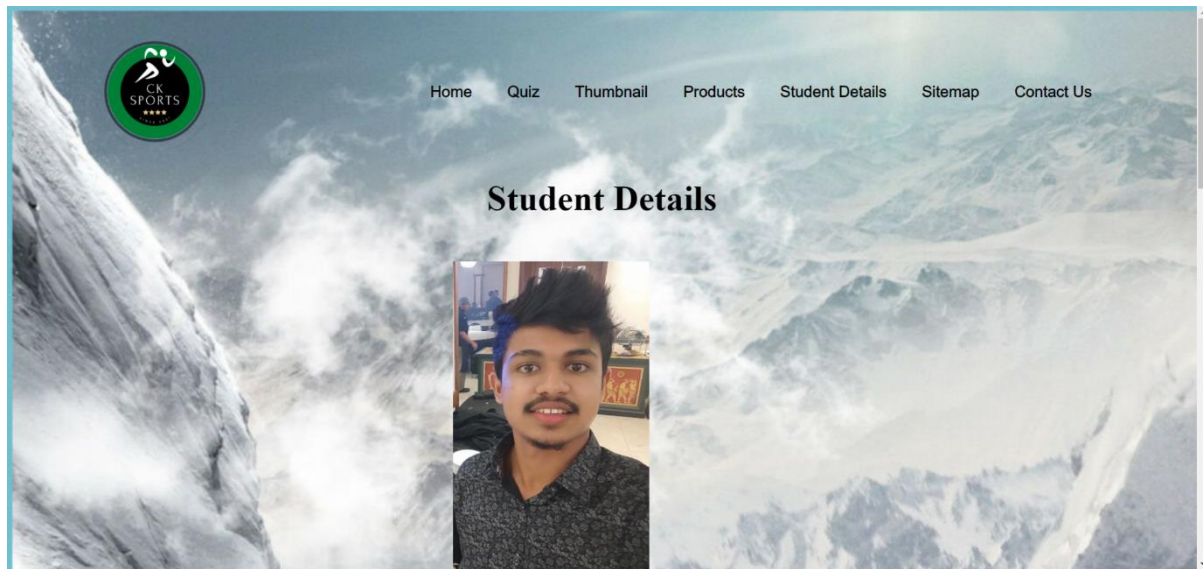
Filename: QuizPage.html

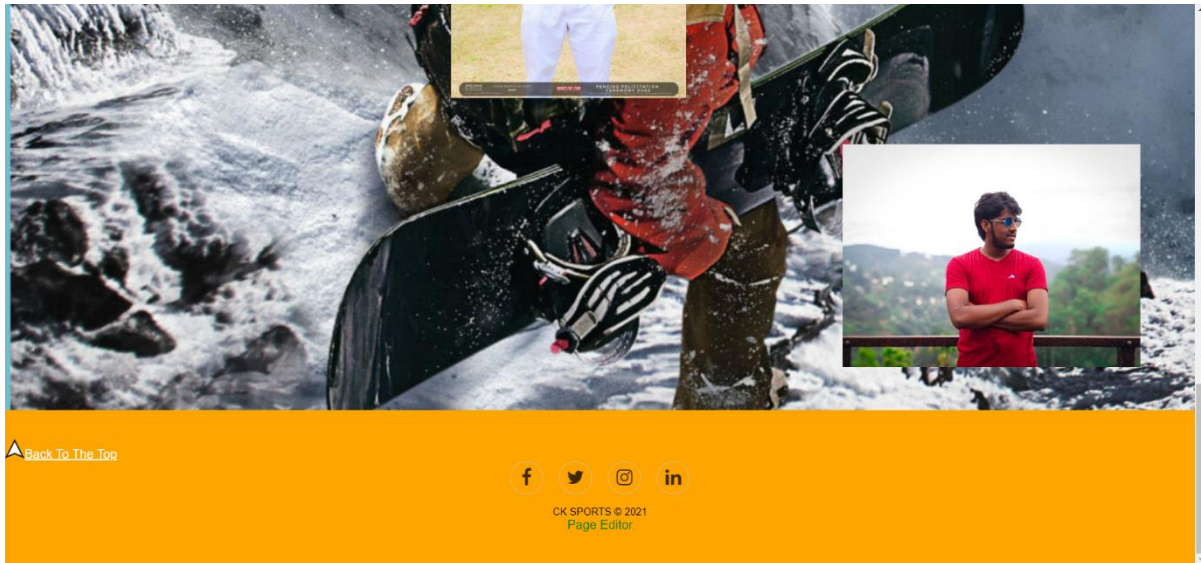




Student Details:

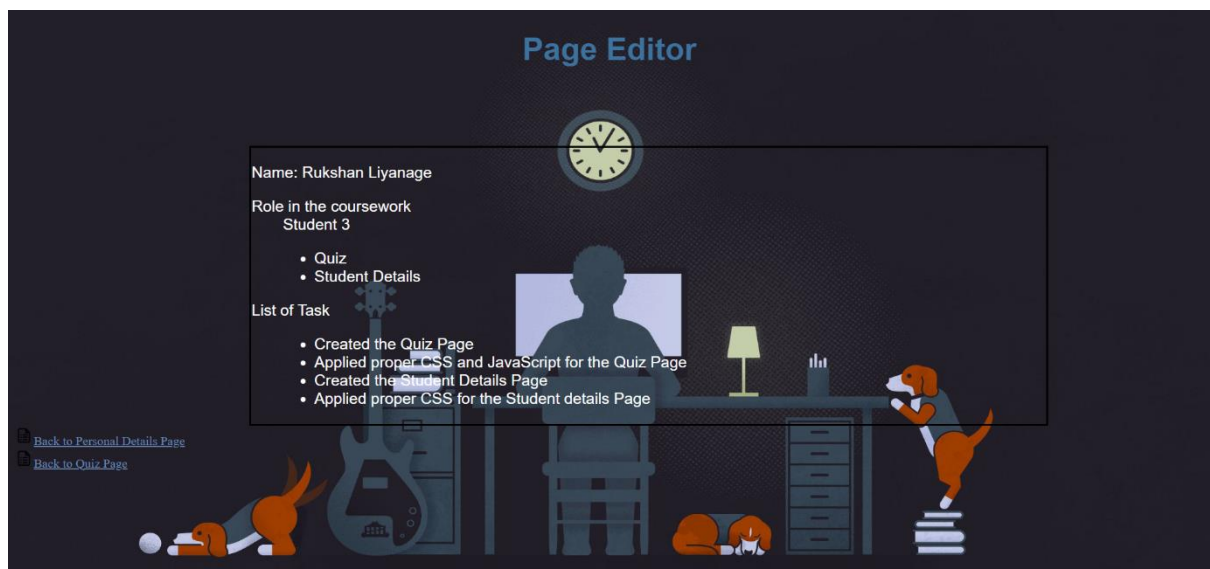
Filename: personal.html





Page Editor:

Filename: Rukshan.html



Appendix C: Individual Statement

Student Name:	RUKSHAN LIYANAGE	Student Id:	W1830238
State what tasks you carried out in the project.			
<ul style="list-style-type: none"> • Quiz. • Student Details. • Page Editor. 			
State what you enjoyed and did not enjoy about teamwork.			
<p>Enjoyed:</p> <ul style="list-style-type: none"> • Beginning of the project each team members shared their ideas, thoughts on how we should build the page. • Shared each other's knowledge throughout the project. • Get to know about my fellow teammates. • Kept each other focused on the project. <p>Not enjoyed:</p> <ul style="list-style-type: none"> • Finding a free time to hold team meetings. 			
State what you learnt about teamwork.			
<ul style="list-style-type: none"> • Learnt to listen to other team members opinions. • To Help out each other to complete the tasks when someone is stuck in the task. • When you lead the group, you should be aware of each team members skill set, strength and weakness. • Everyone should complete their work on the agreed time. 			
State what skills you gained/learnt from undertaking the project.			
<ul style="list-style-type: none"> • Learnt How to Coordinate with other Group members and complete the project. • Time management. • Learnt how to be punctual. • Learnt How to lead people with different skill set. 			
State any strengths about yourself that emerged whilst undertaking the project.			
<ul style="list-style-type: none"> • Decision making and judgment. • Accept criticism and keep trying until the task is complete. • Working long hours and staying positive. • Self-discipline. 			

State any weaknesses about yourself that emerged whilst undertaking the project.

- Impatience.
- Stubborn.
- Sometimes too Cautious.
- Sometimes Delaying important tasks.

State how you would do things better if you were to undertake the project again.

- I would research more about the given tasks.
- I would Implement more easier solutions for given tasks.
- Share the given tasks more accurately with team members.
- I would Complete the work before 4, 5 days early and go through the code to implement more better CSS.

Additional general or project specific comments:

Reading the project specifics few times will give a good picture about how to construct the project. With the proper research and experience it wont be too complicated to complete given tasks and the project.

Student
Signature:

Rukshan Liyanage

Date:

July 22,2021