

DEVELOPMENT ASSMENT – 6

CASE STUDY ON BASKETBALL SCORE BOARD USING JS

Aim of the Case Study: - Practice and execute Basketball score board in which the web application can save both teams score and also shows old game scores

CODE: -

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link href="" rel="stylesheet">
  <link rel="stylesheet" href="style.css">
  <link rel="icon" type="image/x-icon" href="alfaz.jpeg">
  <title>Basketball ScoreCard</title>
</head>
<body>
  <div class="heading">
    <h1 id="headline">Basketball Score Board </h1>
  </div>
  <div class="container">
    <div class="home">
      <h2>LAKERS</h2>
      <div class="score">
        <h1 id="homescore">0</h1>
      </div>
```

```
<div class="buttonsHome">
  <button onclick="plusOneHome()">+1</button>
  <button onclick="plusTwoHome()">+2</button>
  <button onclick="plusThreeHome()">+3</button>
</div>
</div>
<div class="guest">
  <h2>KINGS</h2>
  <div class="score">
    <h1 id="guestscore">0</h1>
  </div>
  <div class="buttonsHome">
    <button onclick="plusOneGuest()">+1</button>
    <button onclick="plusTwoGuest()">+2</button>
    <button onclick="plusThreeGuest()">+3</button>
  </div>
</div>
<div id="tools">
  <button id="newgame" onclick="newGame()">New Game</button>
  <button id="savebtn" onclick="saveScore()">Save</button>
  <p>Old game Scores:</p>
  <p id="oldhomescore">Home score:</p>
  <p id="oldguestscore">Guest Score:</p>
</div>
</div>
<script src="index.js"></script>
</body>
</html>
```

Style.css: -

```
*{  
    margin: 0;  
    padding:0;  
    box-sizing: border-box;  
}  
.container{  
    width: 100%;  
    height: 100vh;  
    background-color: rgb(184, 24, 243);  
    display: flex;  
    flex-wrap: wrap;  
    justify-content: space-evenly;  
    align-items: center;  
}  
.home{  
    width: 300px;  
    height: 400px;  
    display: flex;  
    flex-direction: column;  
    justify-content: space-around;  
    align-items: center;  
}  
.guest{  
    width: 300px;  
    height: 400px;  
    display: flex;  
    flex-direction: column;  
    justify-content: space-around;  
    align-items: center;  
}
```

```
.score{
  width: 200px;
  height: 200px;
  background-color: rgb(249, 241, 8);
  display: flex;
  justify-content: center;
  align-items: center;
  border-radius: 10px;
}

h1{
  color: rgb(224,98,136);
  font-size: 80px;
  font-family: 'cursed timer ULiL'sans-serif;
}

h2{
  font-family: Arial, Helvetica, sans-serif;
  font-size: 50px;
  font-weight: 800;
  color: #E5E5E5;
}

button{
  margin: 5px;
  width: 45px;
  height: 45px;
  text-align: center;
  border-radius: 5px;
  border: 1px solid#E5E5E5;
  background-color: #354477;
  font-family: 'cursed timer ULiL'sans-serif;
  color: #E5E5E5;
  font-size: 20px;
```

```
        cursor: pointer;
    }
    #newgame {
        width: 200px;
        padding: 10px 20px;
        text-align: center;
        background-color: rgb(224, 98, 136);
        color: black;
        font-weight: bold;
        font-size: 30px;
        border: none;

    }
    #savebtn
    {
        width: 200px;
        padding: 10px 20px;
        text-align: center;
        background-color: rgb(235, 114, 57);
        color: black;
        font-weight: bold;
        font-size: 30px;
        border: none;

    }

    .heading {
        width: 100%;
        height: 60px;
        background-color: #354477;
```

```
}
```

```
#headline {
```

```
    font-weight: 800;
```

```
    text-align: center;
```

```
    font-family: Arial, Helvetica, sans-serif;
```

```
    font-size: 50px;
```

```
    background: -webkit-linear-gradient(rgb(223, 77, 121),#eee);
```

```
    -webkit-background-clip: text;
```

```
    -webkit-text-fill-color: transparent;
```

```
}
```

```
#tools{
```

```
    display: flex;
```

```
    flex-direction: wrap;
```

```
    flex-direction: column;
```

```
    justify-content: space-evenly;
```

```
}
```

```
p{
```

```
    padding: 10px;
```

```
    font-size: 20px;
```

```
    color: #E5E5E5;
```

```
}
```

```
p:nth-of-type(1)
```

```
{
```

```
    color: rgb(158,157,157);
```

```
    font-weight: bold;
```

```
    text-decoration: underline;
```

```
}
```

Script.js: -

```
let homescore = document.getElementById('homescore');  
let guestscore = document.getElementById('guestscore');  
let oldhomescore = document.getElementById('oldhomescore');  
let oldguestscore = document.getElementById('oldguestscore');
```

```
let homeScore = 0;
```

```
let guestScore = 0;
```

```
function plusOneHome() {  
    homeScore += 1;  
    homescore.innerText = homeScore;  
}
```

```
function plusTwoHome() {  
  
    homeScore += 2;  
    homescore.innerText = homeScore;  
}
```

```
function plusThreeHome() {  
    homeScore += 3;  
    homescore.innerText = homeScore;  
}
```

```
function plusOneGuest() {  
    guestScore += 1;  
    guestscore.innerText = guestScore;  
}
```

```
function plusTwoGuest() {  
    guestScore += 2;  
    guestscore.innerText = guestScore;  
}
```

```

function plusThreeGuest() {
    guestScore += 3;
    guestScore.innerText = guestScore;
}

function newGame() {
    guestScore.textContent = 0;
    guestScore = 0;
    homeScore.textContent = 0;
    homeScore = 0;

}

function saveScore() {
    countHome = homeScore + " , ";
    countGuest = guestScore + " , ";
    oldhomeScore.textContent += countHome;
    oldguestScore.textContent += countGuest;

}

```

OUTPUT: -

