

## 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="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet"

    integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vI1Bx"
crossorigin="anonymous">

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

  <title>Movement</title>

</head>

<body>

  <div class="container">

    <span class="col">

      

    </span>

    <span class="col">

      <div>

        

        

        

      </div>

    </span>

  </div>

</body>

</html>
```

```

    </div>
</span>
<span class="col">
    
</span>
</div>
<script>
    var leftImage = document.getElementById("leftImg");
    var upImage = document.getElementById("upImg");
    var downImage = document.getElementById("downImg");
    var rightImage = document.getElementById("rightImg");
    var clickStarted;

    leftImage.addEventListener("mousedown", function (evt) { //while user holding the button
        console.log("left button clicked at");
        clickStarted = new Date();
        sendMovement("left", 0);
    });

    leftImage.addEventListener("mouseup", function (evt) { // when user unhold the button
        console.log("left button unclicked at");
        var currentDate = new Date();
        var clickedDuration = (currentDate - clickStarted); // calculate how long did the user hold the
button
        sendMovement("stop", clickedDuration);
    });

    upImage.addEventListener("mousedown", function (evt) { //while user holding the button

```

```
console.log("forward button clicked at");  
clickStarted = new Date();  
sendMovement("forward", 0);  
});
```

```
upImage.addEventListener("mouseup", function (evt) { // when user unhold the button  
    console.log("forward button unclicked at");  
    var currentDate = new Date();  
    var clickedDuration = (currentDate - clickStarted); // calculate how long did the user hold the  
button  
    sendMovement("stop", clickedDuration);  
});
```

```
downImage.addEventListener("mousedown", function (evt) { //while user holding the button  
    console.log("backward button clicked at");  
    clickStarted = new Date();  
    sendMovement("backward", 0);  
});
```

```
downImage.addEventListener("mouseup", function (evt) { // when user unhold the button  
    console.log("backward button unclicked at");  
    var currentDate = new Date();  
    var clickedDuration = (currentDate - clickStarted); // calculate how long did the user hold the  
button  
    sendMovement("stop", clickedDuration);  
});
```

```
rightImage.addEventListener("mousedown", function (evt) { //while user holding the button  
    console.log("right button clicked at");
```

```
clickStarted = new Date();  
sendMovement("right", 0);  
});
```

```
rightImage.addEventListener("mouseup", function (evt) { // when user unhold the button  
    console.log("right button unclicked at");  
    var currentDate = new Date();  
    var clickedDuration = (currentDate - clickStarted); // calculate how long did the user hold the  
button  
    sendMovement("stop", clickedDuration);  
});
```

```
function sendMovement(direction, duration) { // send the direction and the duration to DB  
    xmlhttp = new XMLHttpRequest();  
    xmlhttp.open("POST", "http://127.0.0.1/sensors/sendMovementValues.php", true);  
    xmlhttp.setRequestHeader('Content-type', 'application/x-www-form-urlencoded');  
    xmlhttp.load = function () {  
        console.log(this.responseText);  
    }  
    xmlhttp.send("direction=" + direction + "&duration=" + duration);  
}  
</script>
```

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.5/dist/umd/popper.min.js"  
    integrity="sha384-Xe+8cL9oJa6tN/veChSP7q+mnSPaj5Bcu9mPX5F5xIGE0DVittaqT5lorf0EI7Vk"  
    crossorigin="anonymous"></script>  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.min.js"
```

integrity="sha384-ODmDIVzN+pFdexxHEHFBQH3/9/vQ9uori45z4JjnFsRydbmQbmL5t1tQ0culUzyK"

crossorigin="anonymous"></script>

</body>

</html>