

TASK 6

6. Add a Custom Video Player: Integrate a custom video player into the website with gesture-based controls. For instance, when users double-tap on the right side, the playback will move 10 seconds forward. Similarly, if they double-tap on the left side, the playback should go 10 seconds backward. If the user single-taps in the middle of the screen, the playback should pause. if the user use three-taps on middle of screen we should move to next video. if they user use three-taps on right side we should close the website likewise if the user use 3 taps on left side we should show the comment section.

Step 1: Set Up Your Project in VS Code

Open VS Code and create a new folder for your project.

Inside the folder, create the following files:

index.html

Step 2: Write the HTML Structure

Create and open the index.html file, then add the following code:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Custom Gesture Video Player</title>
```

```
<style>
```

```
body, html {  
    margin: 0;  
    padding: 0;  
    height: 100%;  
    background: #000;  
}
```

```
#video-container {  
    position: relative;  
    width: 100%;  
    height: 100vh;  
    overflow: hidden;  
}
```

```
video {  
    width: 100%;  
    height: 100%;  
    object-fit: cover;  
}
```

```
.tap-area {  
    position: absolute;  
    top: 0;  
    width: 33.33%;  
    height: 100%;
```

```
}
```

```
#left-area {
```

```
    left: 0;
```

```
}
```

```
#center-area {
```

```
    left: 33.33%;
```

```
}
```

```
#right-area {
```

```
    right: 0;
```

```
    left: auto;
```

```
}
```

```
#comment-section {
```

```
    position: absolute;
```

```
    bottom: 0;
```

```
    left: 0;
```

```
    width: 100%;
```

```
    background: rgba(255, 255, 255, 0.9);
```

```
    padding: 10px;
```

```
    display: none;
```

```
    color: #000;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="video-container">
```

```
<video id="video" src="your-video.mp4" controls></video>
```

```
<div id="left-area" class="tap-area"></div>
```

```
<div id="center-area" class="tap-area"></div>
```

```
<div id="right-area" class="tap-area"></div>
```

```
<div id="comment-section">Comments go here...</div>
```

```
</div>
```

```
<script>
```

```
const video = document.getElementById('video');
```

```
const leftArea = document.getElementById('left-area');
```

```
const centerArea = document.getElementById('center-area');
```

```
const rightArea = document.getElementById('right-area');
```

```
const commentSection = document.getElementById('comment-  
section');
```

```
// Gesture handler function
```

```
function createTapHandler(area) {
```

```
  let tapCount = 0;
```

```

let tapTimer = null;

return function () {
    tapCount++;

    clearTimeout(tapTimer);
    tapTimer = setTimeout(() => {
        if (tapCount === 1 && area === 'center') {
            video.paused ? video.play() : video.pause();
        } else if (tapCount === 2) {
            if (area === 'right') {
                video.currentTime = Math.min(video.duration, video.currentTime
+ 10);
            } else if (area === 'left') {
                video.currentTime = Math.max(0, video.currentTime - 10);
            }
        } else if (tapCount === 3) {
            if (area === 'center') {
                alert("Next video logic here (not implemented).");
                // You can load another video here
            } else if (area === 'right') {
                window.close(); // May not work on all browsers due to security
restrictions
            } else if (area === 'left') {
                commentSection.style.display = commentSection.style.display
=== 'block' ? 'none' : 'block';
            }
        }
    }, 1000);
}
}

```

```
    }  
  }  
  tapCount = 0;  
}, 300);  
};  
}
```

```
leftArea.addEventListener('click', createTapHandler('left'));  
centerArea.addEventListener('click', createTapHandler('center'));  
rightArea.addEventListener('click', createTapHandler('right'));  
</script>
```

```
</body>
```

```
</html>
```

