

Assignment Report: Media Integration in Web Development

1. Title Page

Title: Media Integration in Web Development

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2. Introduction

This report explains how to create a web page that integrates multiple forms of media, including:

- **10 songs** related to a common theme
 - **10 videos** of similar size and context
 - **A PDF file** displaying this report
-

3. Implementation Details

To achieve the required functionality, we used the following HTML elements:

Audio Integration

I used the `<audio>` element to embed songs:

```
<audio controls src="songs/song1.mp3"></audio>
```

Each song is stored in a "songs" directory and played directly on the webpage.

Video Integration

The `<video>` element allows us to embed and play videos:

```
<video controls src="videos/video1.mp4"></video>
```

All videos are stored in a "videos" directory and displayed in a structured layout.

PDF Display

I used an `<iframe>` to embed this report as a PDF:

```
<iframe src="report.pdf" width="100%" height="600px"></iframe>
```

This allows users to read the report without downloading it.

4. Code Explanation

The following HTML code integrates all media types:

```
<!DOCTYPE html>
<html>
<head>
  <title>Songs and Video Player</title>
</head>
<body>
  <h2>🎵 Songs</h2>
  <audio controls src="songs/song1.mp3"></audio>
  <audio controls src="songs/song2.mp3"></audio>

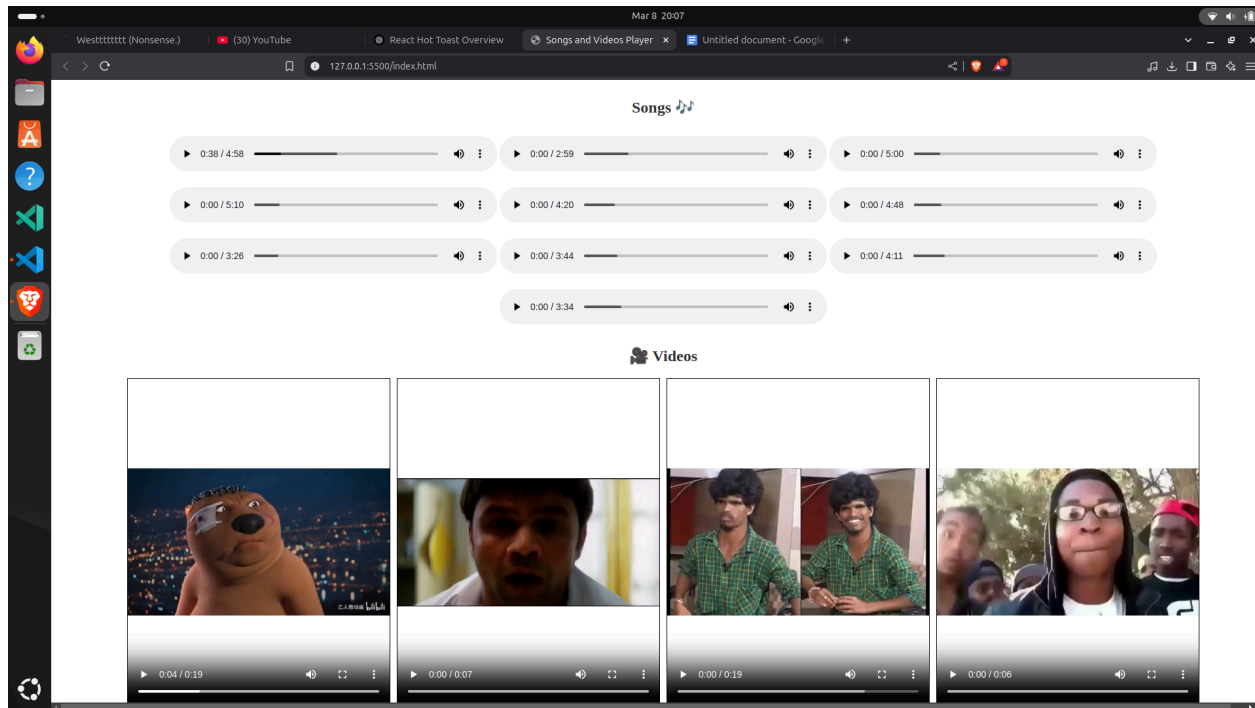
  <h2>🎥 Videos</h2>
  <video controls src="videos/video1.mp4"></video>
  <video controls src="videos/video2.mp4"></video>

  <h2>📄 Assignment Report</h2>
  <iframe src="report.pdf" width="100%" height="600px"></iframe>
</body>
</html>
```

This ensures that all media is properly displayed and accessible.

5. Screenshots

Include screenshots of your working webpage showing songs, videos, and the embedded PDF.



6. Conclusion

Through this project, we learned: ☒ How to embed audio and video using `<audio>` and `<video>` tags.
☒ How to display a PDF in a webpage using `<iframe>`.

End of Report 🎵🎥📄🔥