**MusicPlaylist**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | |

import React, { useState } from 'react';

const MusicPlayer = () => {

const [playlist, setPlaylist] = useState([]);

const [currentIndex, setCurrentIndex] = useState(null);

const [newSong, setNewSong] = useState('');

const addSong = () => {

if (newSong.trim()) {

setPlaylist([...playlist, newSong]);

if (currentIndex === null) setCurrentIndex(0);

setNewSong('');

}

};

const nextSong = () => {

if (playlist.length === 0) return;

setCurrentIndex((currentIndex + 1) % playlist.length);

};

const prevSong = () => {

if (playlist.length === 0) return;

setCurrentIndex((currentIndex - 1 + playlist.length) % playlist.length);

};

const jumpToSong = (index) => {

setCurrentIndex(index);

};

const removeSong = (index) => {

const updatedPlaylist = playlist.filter((\_, i) => i !== index);

setPlaylist(updatedPlaylist);

if (updatedPlaylist.length === 0) {

setCurrentIndex(null);

} else if (index === currentIndex) {

setCurrentIndex(0);

} else if (index < currentIndex) {

setCurrentIndex(currentIndex - 1);

}

};

return (

<div style={{ padding: '20px', fontFamily: 'Arial' }}>

<h2>🎵 Music Playlist</h2>

<div>

<input

type="text"

value={newSong}

placeholder="Enter song title"

onChange={(e) => setNewSong(e.target.value)}

/>

<button onClick={addSong}>Add Song</button>

</div>

<h3>Playlist:</h3>

<ul>

{playlist.map((song, index) => (

<li

key={index}

onClick={() => jumpToSong(index)}

style={{

cursor: 'pointer',

fontWeight: index === currentIndex ? 'bold' : 'normal',

color: index === currentIndex ? 'blue' : 'black',

}}

>

{song}

<button

style={{ marginLeft: '10px', color: 'red' }}

onClick={(e) => {

e.stopPropagation();

removeSong(index);

}}

>

❌

</button>

</li>

))}

</ul>

<div>

<button onClick={prevSong}>⏮ Previous</button>

<button onClick={nextSong}>⏭ Next</button>

</div>

<h3>

Current Song:{' '}

{currentIndex !== null ? playlist[currentIndex] : 'No song selected'}

</h3>

</div>

);

};

export default MusicPlayer;