

ReactJS - Practice Problem

Music Player Application

Practice Problem Details:

Demo App URL: <https://reactmusicplayer-ab9e4.firebaseio.com/>

Application Details:

- You can design the UI yourself. You DO NOT have to create an exact replica.
- All the UI components should be present which are:
 - Left Side:
 - Track Cover Image
 - Progress Bar
 - Playback Buttons: shuffle, previous track, play/pause, next track, repeat the current track.
 - Track Title
 - Artist Name
 - Right Side:
 - Playlist
 - Each card should have: track cover image, track title, artist name.

Functionalities:

- On load an API call should be sent to the backend to fetch playlist. (API Endpoint: <http://5dd1894f15bbc2001448d28e.mockapi.io/playlist>)
- On playlist item click the player should get updated with the selected track.
- On progress bar click, the progress should get updated like a seekbar.
- The next track should be played when the track is finished playing.
- On next track click, the next track from the playlist should be played if shuffle/repeat current is not selected.
- On previous track click, the previous track should be played.
- On shuffle click, track shuffle should be enabled which means when the next track button is clicked it should play a random track from playlist.
- On current repeat track click, the track should be repeated when the track is finished playing.