# Challenge 19 - React

For this challenge you will have to create a music application with React. The design is made for mobile, so don't be fooled if it's in the middle on a desktop. (that's how it should be). There is a starter folder, with a **db.ts** file with all the data and **images** folder with all the images.

You will have to use the '**react-router**' to make things work like in the video. The design should be made with components, meaning you will have at least 6 components:

- **Navbar** - containing the header area, which is a Link to the homepage. (note that this component is shown on every page)

- **ArtistItem** - separated artist item on the homepage - which will be a link to the Artist detail page

- **ArtistsList** - which simply lists all the **ArtistItem** components based on the data from db.ts.

- **ArtistPage** - which is the detail page for each artist, containing data for it based on the data from db.ts.

- **AlbumsList** - which lists all the images about the albums of an artist all at once. Every album image should be a Link, which will lead to a detail page about the album.

- **AlbumPage** - which is the detail page for each album, containing data for it based on the data from db.ts.

Make sure you add types for each of the artists and albums with Typescript. You can find what keys and values each of them should have based on the db.ts file.

Also make sure you use Typescript with .tsx file extensions and React component types for each of the components.

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## Evaluation system:

**1 point** – for creating all the components from above and linking them correctly in the App.tsx file so they render fine on the screen. (you can connect every component in there, even though it is not like it on the screenshots)

**3 points** – for linking everything with the React router making it look like it is in the video.

**5 points** – if you did all of the above. Plus, make the dynamic routing with 1 route for every artist and every album.

## Deadline:

**Two** weeks after its presentation, 23:59h end of the day.