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Project: SOA individual assignment

## SongFinder

### Description:

This project is a music platform aggregator. It can find a song on Spotify, Deezer, Itunes and Youtube.

I chose these APIs because it allows to group the purchase, the listening and the visualization of a music in an application.

I developed this project in nodeJS with the framework IONIC, it's a quick language to develop a little project like this and it's modern and reliable.

### API used:

Spotify (REST): International music platform to listen music.

Deezer (SOAP): French music platform to listen music.

Itunes (REST): International music platform to buy music.

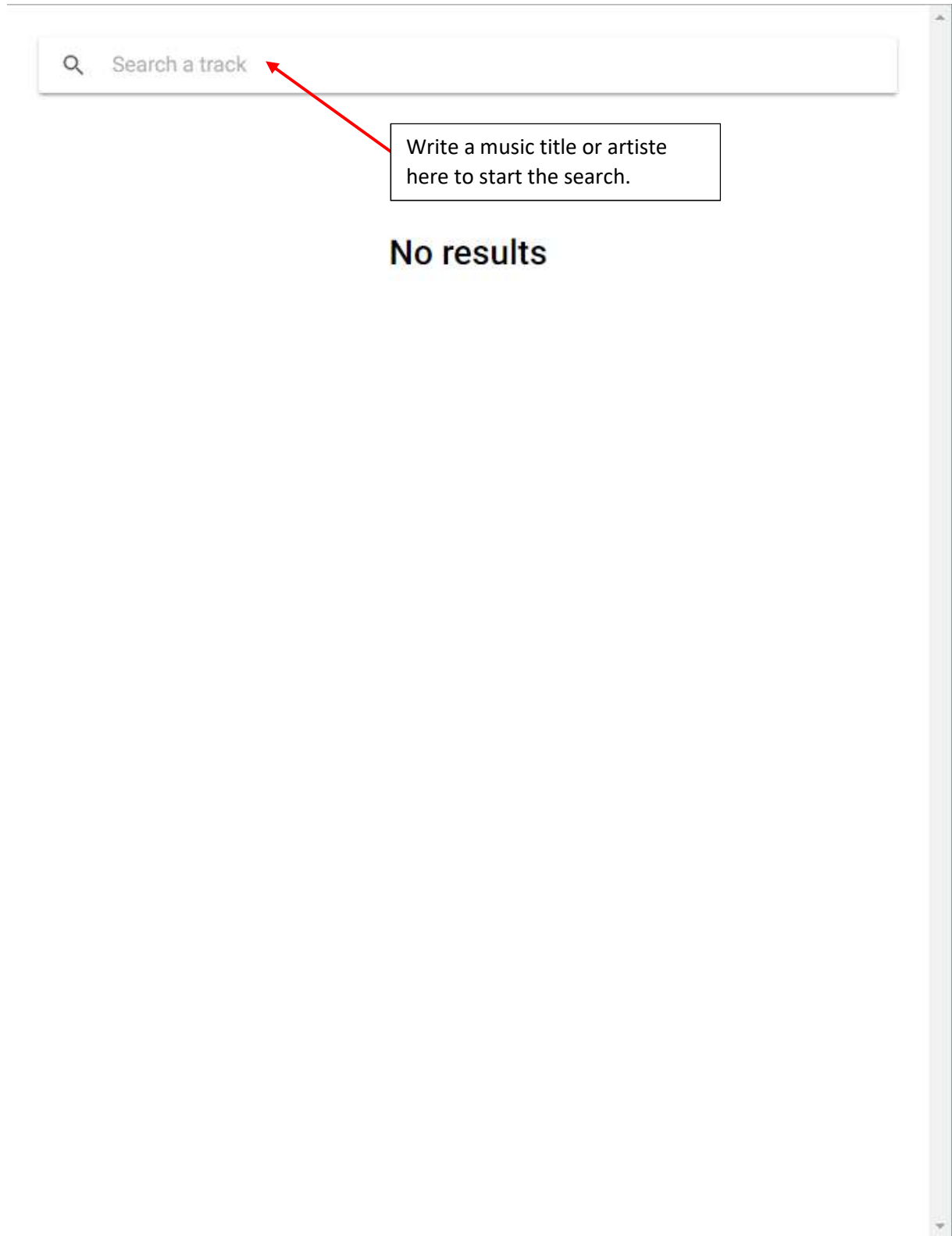
Youtube (REST): video-sharing website to watch music videos.

### Changes:

In my subject I said that I will use the soundcloud and Chartlyrics API's, but these two APIs became HS during my project. I replaced it with deezer and itunes to keep the same logic of operation.

## Manual:

### 1 - Search page.



## 2 - Results page.

Q nirvana X

Smells Like Teen Spirit - Nirvana

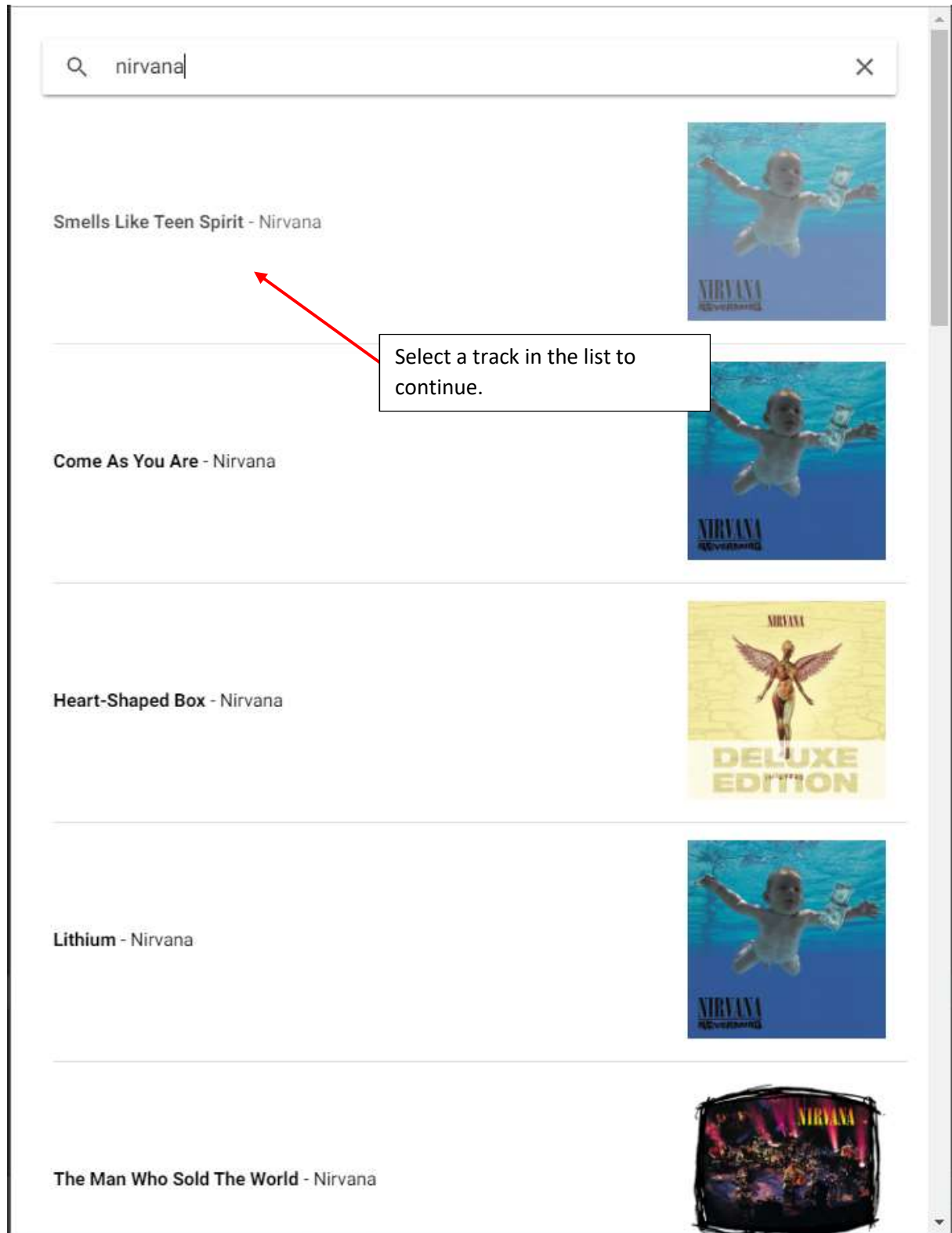
Come As You Are - Nirvana

Heart-Shaped Box - Nirvana

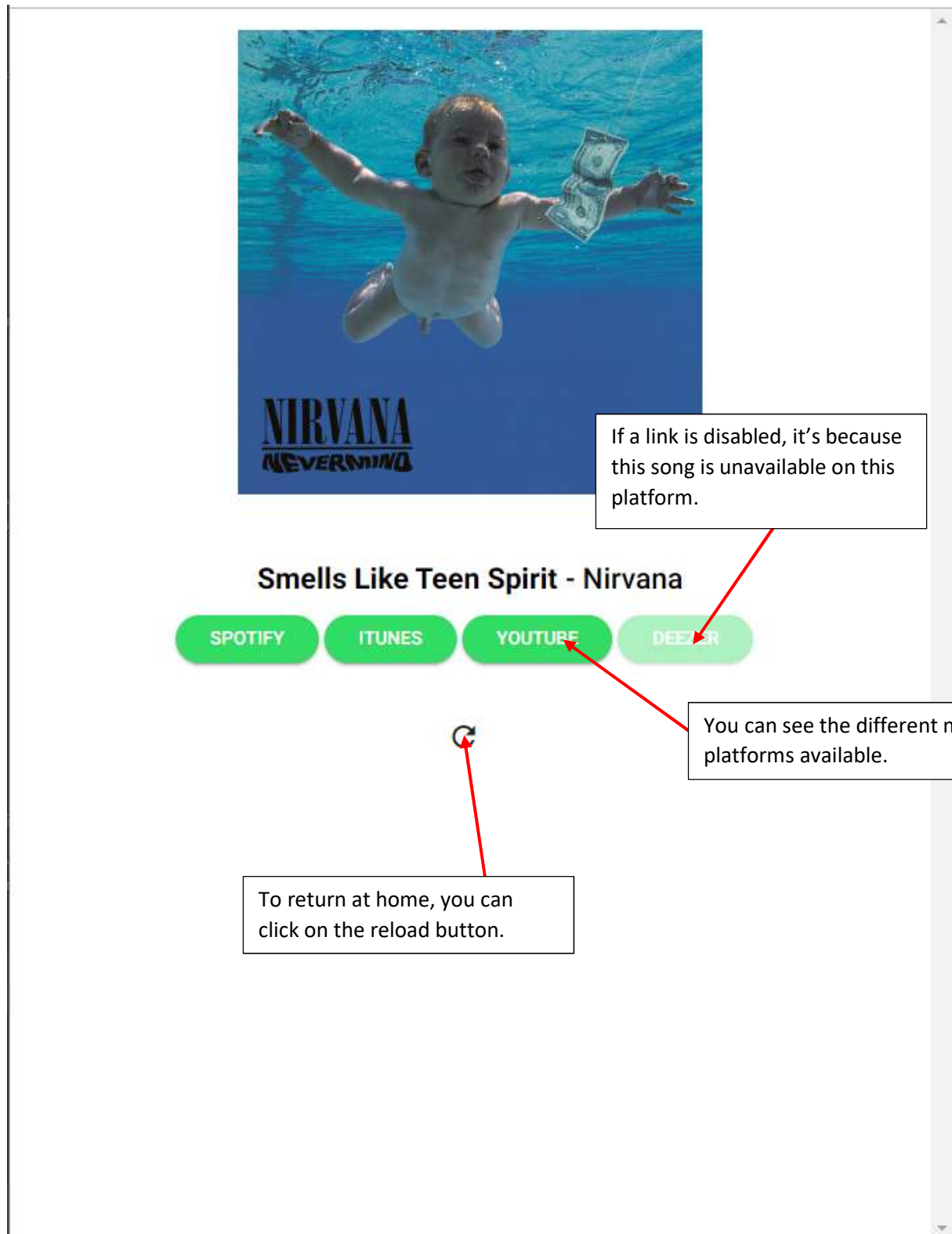
Lithium - Nirvana

The Man Who Sold The World - Nirvana

Select a track in the list to continue.



### 3 - Track page.



The screenshot displays the track page for "Smells Like Teen Spirit" by Nirvana. At the top is the iconic album cover for "Nevermind," featuring a baby underwater holding a dollar bill. Below the cover, the track title "Smells Like Teen Spirit - Nirvana" is centered. Underneath the title are four green buttons for streaming platforms: "SPOTIFY", "ITUNES", "YOUTUBE", and "DEEZER". The "YOUTUBE" button is highlighted with a red border. Below these buttons is a circular reload icon. Three red arrows point from text boxes to specific elements: one from the top right to the "DEEZER" button, one from the middle right to the "YOUTUBE" button, and one from the bottom left to the reload icon.

**NIRVANA**  
**NEVERMIND**

**Smells Like Teen Spirit - Nirvana**

SPOTIFY ITUNES YOUTUBE DEEZER

If a link is disabled, it's because this song is unavailable on this platform.

You can see the different music platforms available.

To return at home, you can click on the reload button.