

We want you to build a basic Spotify application with the following specs:

Product Specification

Using the [Spotify API](#), your application should let a user search for an artist to retrieve information about his/her albums. Refer to the wireframes for visuals.

A. Landing Page - Login With Spotify

- a. The landing page of your application contains a “Login with Spotify” button
- b. Clicking on the button starts the [Spotify Implicit Grant](#) authentication flow
- c. Upon successful authentication, the user is redirected to the “Artist Search” page

B. Artist Search

- a. The page contains a search input with placeholder text: “Search for an artist...”
- b. When pressing the “Return” key inside the search box, the user is presented with the results.
 - i. Spotify artist search:
<https://developer.spotify.com/console/get-search-item>
- c. **Bonus:** Implement a “search-as-you-type” functionality

C. Browsing Artists

- a. Displays the results from (B)
- b. The results should respect the visuals presented on page 3 of the wireframes, and the following specifications:
 - i. Keep the Spotify API ordering
 - ii. Display an artist image
 - iii. Display the artist’s popularity as a star rating (1-5 stars)
 - iv. Display the number of followers for that artist
 - v. Can be clicked to retrieve that artist’s album

D. Browsing Artist Albums

- a. Displays the albums for the artist clicked in (C)
 - i. Spotify artist album search:
<https://developer.spotify.com/console/get-artist-albums/>
- b. The results should respect the visuals presented on page 4 of the wireframes, and the following specifications:
 - i. Keep the Spotify API ordering
 - ii. Display the album's cover image
 - iii. Display the name of the album
 - iv. Display the list of artists included on the album
 - v. Display the album's release year
 - vi. Display the total number of tracks on the album
 - vii. Display a clickable link that opens a new tab to the Spotify preview of that album.

Hint: Use the the "external_urls" parameter from the api results.
- c. Clicking on the back button of the browser returns to the previous search results in (C)

Technical Specifications

- Your application should be a single-page application written in [React](#).
- You can use [Create React App](#) to get started
- You can use a CSS framework or a React UI library for the design of your application
- Your application should be responsive, i.e. it should adapt seamlessly to different devices

Things We Will Be Looking For

- The app works and respects the specs
- Your code demonstrates good knowledge of the React API and its core concepts
- Your application's UI is clean and consistent
- Your application's UX is simple and consistent
- You can explain your technical choices and walk us through your codebase

Deliverable

A link to your public Github repository with instructions to build/run it.

Goodluck!