

# Lab

codeName: **Whistle A Happy Tune**

## Skills used:

jQuery — Selectors, DOM Manipulation, AJAX, JSON, APIs

## Specification:

You have decided to examine what you know of APIs and interacting with them. Using what you know of jQuery and Bootstrap, built a beautiful and responsive iTunes search to allow users to quickly find songs (and preview them, if possible) without actually opening up iTunes.

<https://affiliate.itunes.apple.com/resources/documentation/itunes-store-web-service-search-api/>

Begin by researching the API at the link above, then try making some requests using Postman in Chrome. Once you feel you understand the API, build out the basic functionality in an MVP.

Once you have your MVP, make it pretty. Add pagination to the search results. Build out the features you would want in an app like this.

## Starter Code:

none available

At the start of this project, create a repo named 'itunes-search' and build to your project there.

## Evaluation:

This project is evaluated based on you demonstrated understanding of the skills needed to complete it. The point breakdown can be reviewed below.

Selectors : 10pts

DOM Manipulation : 10pts

AJAX : 15pts

APIs : 5pts

JSON : 10pts

Responsiveness / Design : 5pts