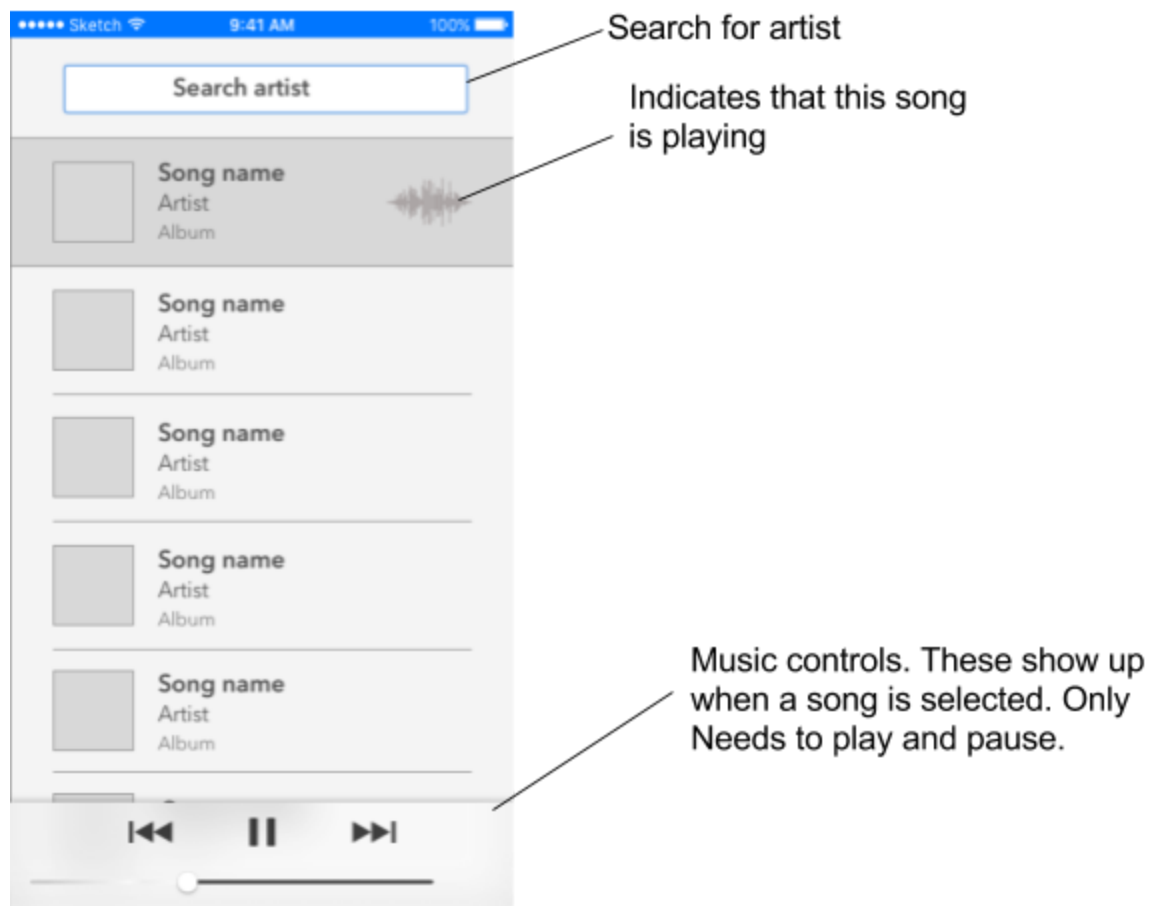


# Build a music player webapp

Use the [iTunes affiliate API](#) to develop a simple music player that lets you search by artist and displays the search results on screen. When a song is selected from the list, the song will start to play.

The page needs to be responsive. Shown below is how the music player should look on a small screen versus on desktop.

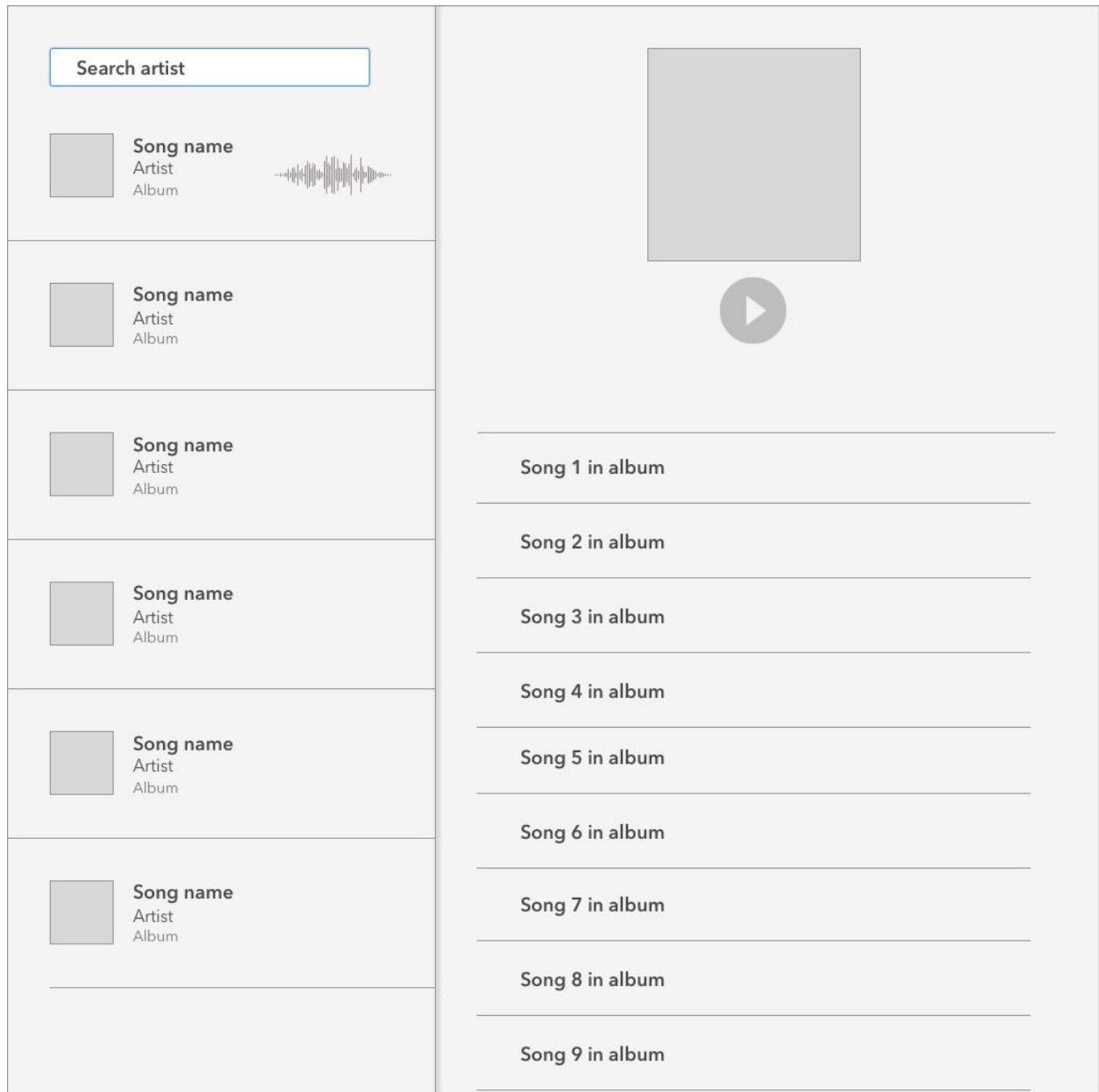
## On mobile (smaller screens)



- Each song's title, artist, album and album art should be displayed.
- When we tap a song, a media player should show up at the bottom of the screen and start to play the preview for that song. The media player may be something as simple as a toggling play or pause button, however, it should pop-up at the bottom of the screen and on top of the list as shown. All the other controls shown are optional.

- The media player should only show once a song is clicked and should stay on the screen from that point onwards and should be reused for any subsequent song played.
- When a song is being played, you must provide some indicator in the list item that the song is being played.
- You can stop playback if a new search is performed, however the preference is for the song to keep playing.
- If you stop playback when a new search is performed, you must hide the media player till a song is selected.
- You can take liberties with the UI, however the major elements as shown in the picture or mentioned above should still be present.

## Desktop



- Each song's title, artist, album and album art should be displayed.
- When a song is selected on desktop, the screen should split and on the right hand side we should see the album art (large image) and music controls.
- The selected song's preview should not play automatically, it should simply display the details and let to user play the song preview if they wish.
- Below the music controls, all the songs in the album should be listed. *These only need to be listed and don't have to be playable.*

- The music control only needs to have play and pause however the music should keep playing even if a different song is selected on the left hand side.
- If a song is playing and a different song is selected from the left hand side, the song should keep playing, however the right hand side should display details for the song selected.
- There should be some visual indication on the song playing.
- Below is an example of what the screen should look like. You can take liberties with the UI, however all the major components shown should be present on the screen.
- You can stop playback if a new search is performed, however the preference is for the song to keep playing.
- If you stop playback when a new search is performed, you must hide the media player till a song is selected.

## Note:

- You're webapp only needs to support one browser. Please mention what browsers your app supports clearly in your documentation.
- You *must* use ReactJS, VueJS or AngularJS to implement the music player.
- You can take liberties with the UI, however, the main elements mentioned on the screens should be present.
- You will be judged on code quality, implementation, project structure, readability and documentation.
- Try to squeeze in as many of the features mentioned above as possible. You're not going to be judged on "completeness" but rather on the quality of code and work.
- You are free to use any libraries you wish. We are however looking to judge what you can do, so try to avoid third-party libraries where possible.
- Make your submission in form of a link to GitHub, Bitbucket or the like.
- Please add a README with at least the following details
  - Supported browsers.
  - Supported features.
  - Requirements to build the app.
  - Instructions to build and deploy the app.