**Build a music listening app using Napster’s APIs**

We want to create an app that allows a user to browse song albums, and listen to song previews of an album that they like.

Go to <https://developer.napster.com/api/v2.2> and view the documentation of Napster APIs. Specifically, for this exercise, you’re going to need to study the Albums, and Tracks API.

**Requirements:**

We need 3 screens in the app, along with the ability to navigate between these screens:

1. An album listing screen - This screen should list 20 albums. These 20 albums should be fetched in real time from the top albums API. This page can have pagination to load more albums if a user reaches the end of the screen.  
     
   For each album, we want to see:
   1. The names of artists for that album (Separate by commas if multiple)
   2. The release date of that album in the format - Month Year (e.g. May 2019)
   3. The number of tracks in that album
2. Individual album screen - When someone taps on an album, we need to take them to a screen with a list of all the songs in that album.   
     
   On this screen, we want to show
   1. The number of tracks in the album
   2. The album’s cover
   3. A list of all songs, with each list item having
      1. Name of the song
      2. Length of the song as `X minutes` (Rounded up to the nearest minute. E.g. 02:43 should be rounded to 3 minutes)
      3. Comma-separated list of artists for that song
      4. A button to play the preview
3. Individual song screen - On this screen, we want the following player controls:
   1. Pause/Play
   2. Next
   3. Previous
   4. Forward 5 seconds

**Guidelines:**

We will be evaluating your submission on three things - 1) Code readability, 2) Code reusability + modularity, and 3) usability+speed of the app

1. Name your variables, classes, and functions properly
2. Use Redux or MobX for state management
3. Modularize react components
4. Use code design principles like DRY, KISS, and YAGNI
5. Make sure to cover most edge-case scenarios, empty states, missing data etc.
6. Prioritise usability of the interface over aesthetics. Optimise for load speeds
7. Using typescript is an added advantage

**Deliverable:**

We need you to send in 2 deliverables.

1. An installable .apk file that we can simply run to test the application. We should not need to install any additional libraries to run your submitted app
2. Link to the public GitHub repo where you host the codebase. Please maintain proper commits from the beginning.