

# **Cross Platform Application**

## **Music Store**

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## Summary of the app

Developed app is called 'musicstore'. This app has been developed as a music playing app which uses a deezer API to import various content and play them. App users can play their music as their interest by searching album name, artist name or/and song name. The user can play the whole album or just select songs from the album. But only the 30 seconds of music can be played from the app as I am using a free API and also the users can add any songs or music to the favorite list so they can listen to it back on. They also can remove the songs again from their favorite songs. For this project, I will be using react native framework and expo tools.

## Audience

As it is an android and ios mobile app anyone can use this app to listen to any kind of music. It is good for the age group between 18-24 but it is good for other age groups as well who love listening to music.

## How the app will be used

Musicstore can run both in android and IOS. When we open the app, there are two sections you can choose from, you can either search the songs you are looking for or see your favorite list if you have saved any songs. When we search for a song, the list of the songs will be shown. When we click on the album, the list of the song will be displayed. We can choose whichever song we want to play. And we can add it into the favorite list. When we go to the favorite list we can see the song we added and after that, we can either play the song or remove the unwanted songs from the list.

## Technology used

- React Native: As long as I experienced react native is a reliable and good for mobile app.it provides a user interface that is sleek,seamless and sensitive while increasing load duration significantly. Developing any app using react native,as opposed to building native ones,is also much faster and cheaper with avoiding any doubt and unusabilities.
- Expo : expo is also one of the most popular sites in the market. The reason to be so popular is it performs to solve difficulties and it also leads a seamless API that functions outside the box with the react native app.it offers a server app and you can easily check applications by installing it from the reliable stores depending on the mobile platform that your phone runs.

## List of Known Problems

Even though my app runs really well as it is the first step of developing an app.There are few troubleshooting I have still faced during developing the app. They are as follow:

- React-Native framework: This framework is completely new to me. and also I have a very short time period to go through JSX and React-Native together so I chose to use React-Native. Now, I realised that I had to use JSX to write a code.
- Login system: The app does not have any login feature. I am more than interested to keep developing more features including login features as well in the future.
- Feedback: App does not have any feedback feature as it is one of the most important things to grow the app along with all features.

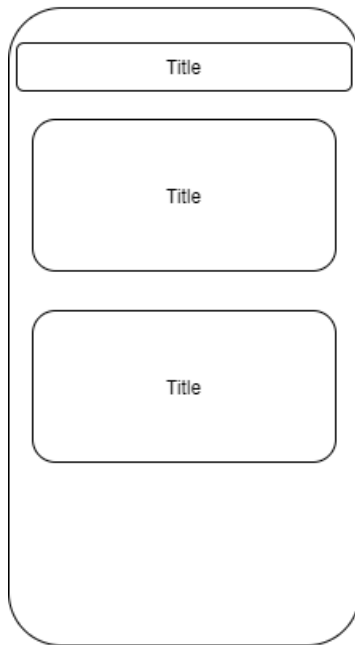
## Main feature

- It uses a deezer API to access music from deezer and plays music.
- Search for any albums,artist or/and music name and play a sample track.
- It can save favorite tracks and albums.

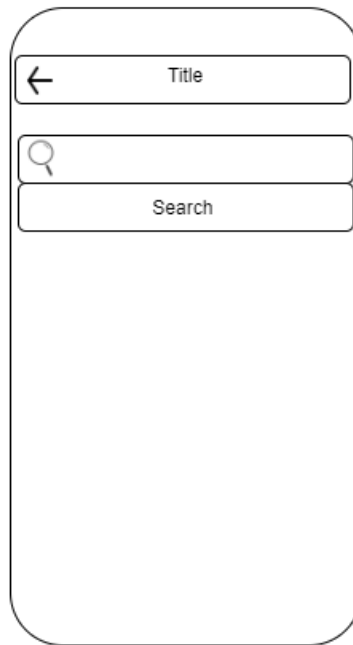
## Road map for future development

- Add a login feature in the app.
- Suggest relevant music to the users
- Add a Feedback mode.

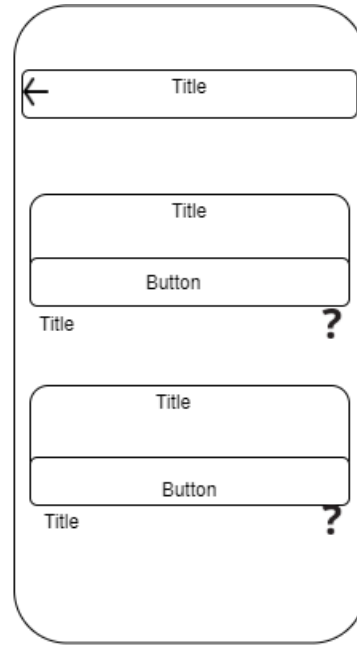
# WireFrame



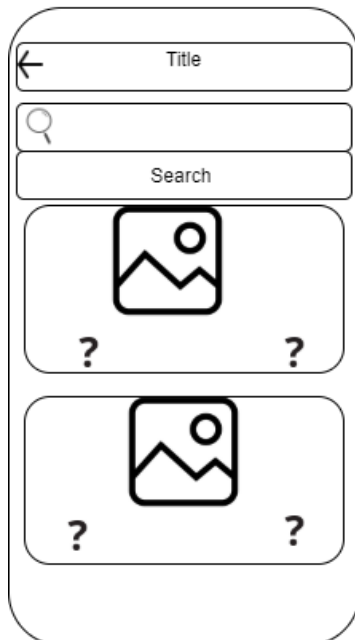
Home Screen



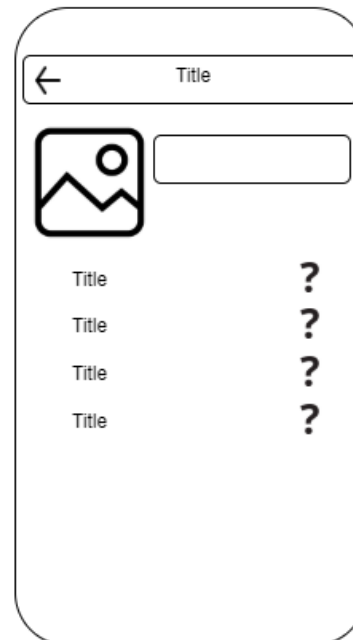
Search Screen



Favourite Screen



Search Screen result



Alum Detail Screen

# Mockups

