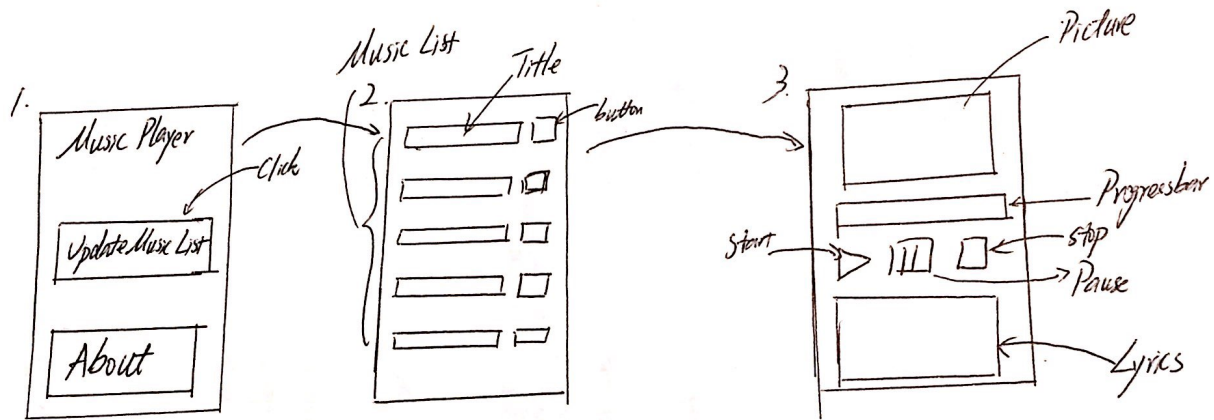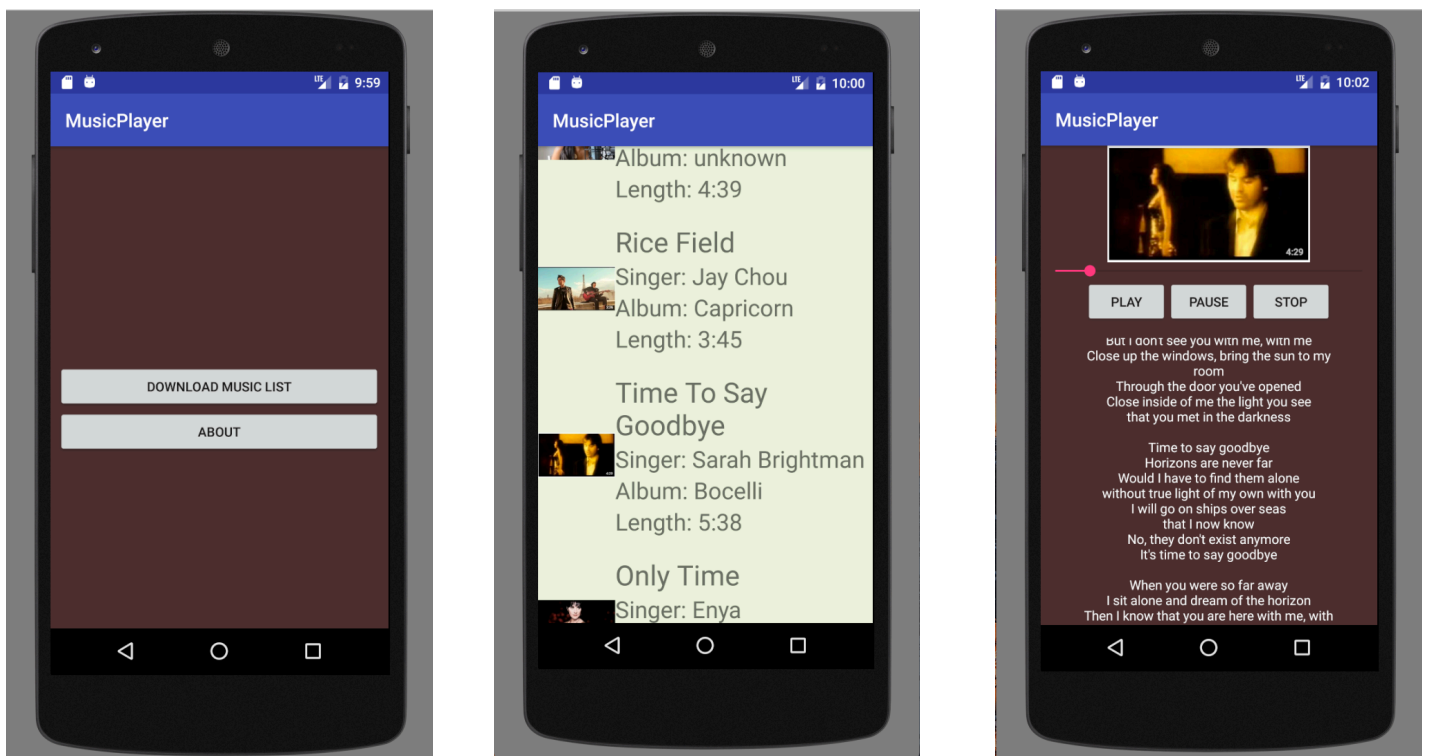# Plan B Music Player

Wireframes:

Activity of Mobile App:

Features:

1. The user shall be able to download the updated music list.
2. The user shall be able to slide the music list, which include the music titles, singers, albums, music length and music image.
3. The user shall be able to select what song he would like to play.
4. The app will play the music which is online immediately.
5. The app will download the lyrics of the song.
6. The user shall be able to play the song.
7. The user shall be able to pause the song.
8. The user shall be able to stop the song.
9. The user shall be able to be back to the music list activity and choose other songs to play.
10. The progress bar will show the progress of the song playing.
11. The user shall be able to drop the progress bar to change the playing status.
12. The image will have an obvious transition between the music list activity and playing activity based on material design.
13. The lyrics will be shown according to the rhythms of the song.
14. The application has a tutorial animation for instructing new users how to use this application.

Techniques:

Back-end: Node.js, Express.js

Android:
Constraint-Layout
Retrofit2
Gson
RecyclerView
Glide
MediaPlayer
Basic stuffs in Android, including: Intent, Service, Background Thread, AsyncTask, Handler