Music Player Specs.

1. ViewPagerParallax

2. ArcMenu

3. New Quick Action Menu

4. Edit tags

5. Song player screen

6. Equalizer

7. Miscellaneous

Ref App:

https://play.google.com/store/apps/details?id=bitsie.playmee.musicplayer.free

1. ViewPagerParallax

❖ Convert current **TabView** Layout to **ViewPagerParallax** layout. You can use below libs for this effect.
➢ https://github.com/MatthieuLJ/ViewPagerParallax
➢ https://medium.com/@BashaChris/the-android-viewpager-has-become-a-fairly-popular-component-among-android-apps-its-simple-6bca403b16d4
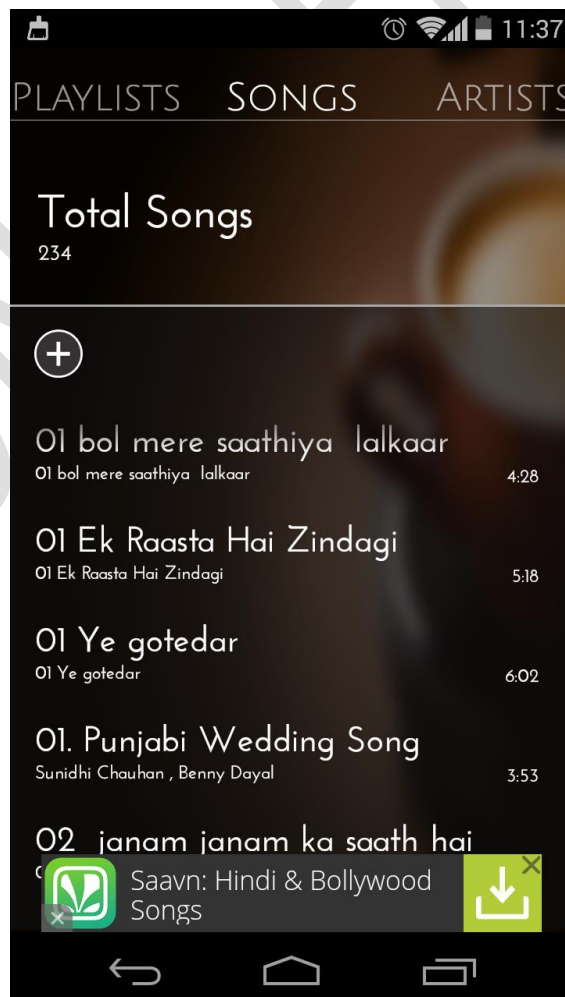➢ https://github.com/astuetz/PagerSlidingTabStrip

All other images which required for this view are attached with this mail in separate folder.

➢ Put ActionBar on All screens. Ref miscellaneous section for details
❖ **The Sequence of Tabs:**

On App launch focus on **Songs TAB**. And left of it keep only one tab ie. Playlists. So Tab names will be like:

1. **PlayLists (Extreme Left)**
2. **Songs (first focus tab)**
3. **Artists**
4. **Albums**
5. **Genres**
6. **My Files**

❖ **Songs tab Layout like below:**
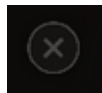❖ Use **QuickScroll lib** for scrolling the songs. https://github.com/andraskindler/quickscroll
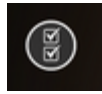
2. ArcMenu

This is open source lib available for displaying gorgeous menu.
Its lib and documentation available at https://github.com/daCapricorn/ArcMenu

➢ onClick of Plus button expand the **ArcMenu**. It will look like below:
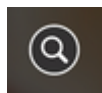

 -- Cancel button

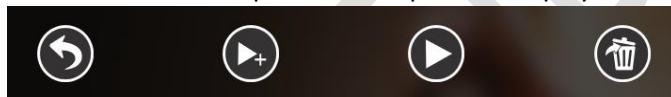 -- Multi select option

 -- Sort the list.

 -- Shuffle songs.

 -- Search Songs.

2.1 Multi select option pressed.

When multi select option button pressed display below option via **ArcMenu**.

 -- Back to Normal.
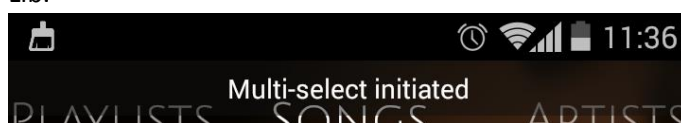
 -- Add selected songs to Playlist.

 -- Play selected songs

 -- Delete selected songs.

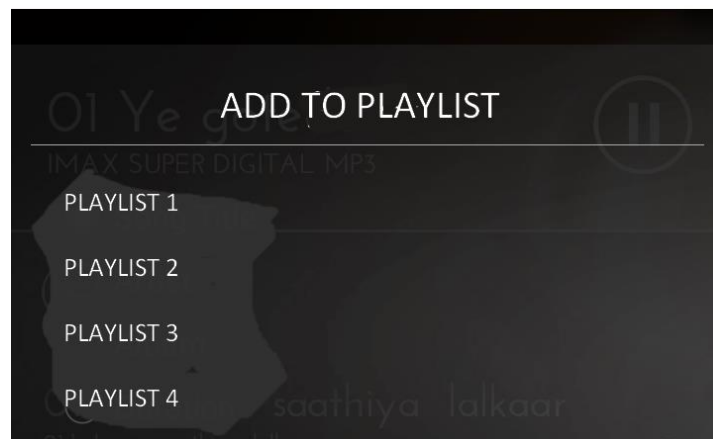❖ When Multi select option pressed Display message on TOP "*Multi select Enabled*" BUT using "**Crouton**" Lib.
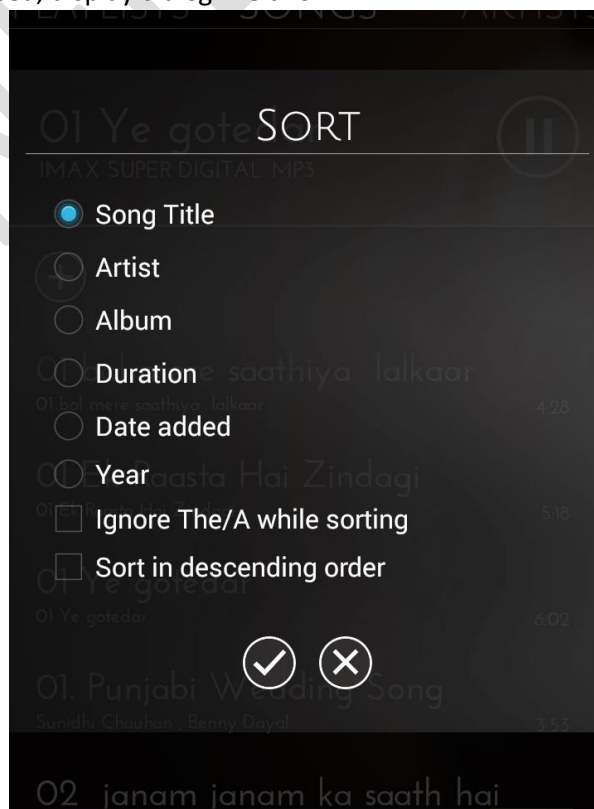
You can get more info about it from here.
https://github.com/keyboardsurfer/Crouton
https://play.google.com/store/apps/details?id=de.keyboardsurfer.app.demo.crouton

❖ If user press any of above button BEFORE SELECTING ANY SONG, then display message "*Please select songs first*" using "**Crouton**"

➢ If **after** selecting songs, '*Add selected songs to Playlist button* ' pressed then ask the user , where he wants to add the selected songs. By displaying a dialog, like below. which Must contains list of all available playlists.
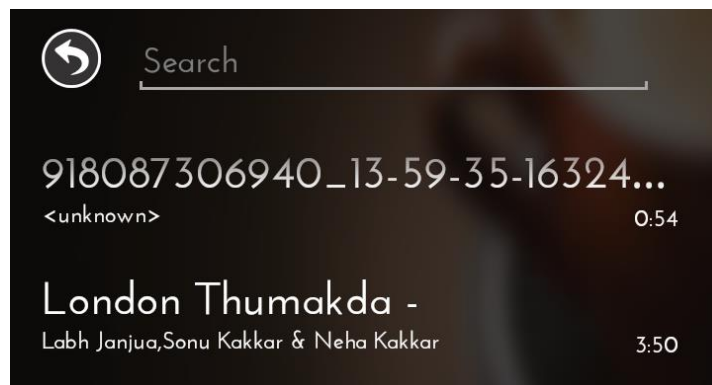

2.2 Sort List
When sort list button pressed, display dialog like this.
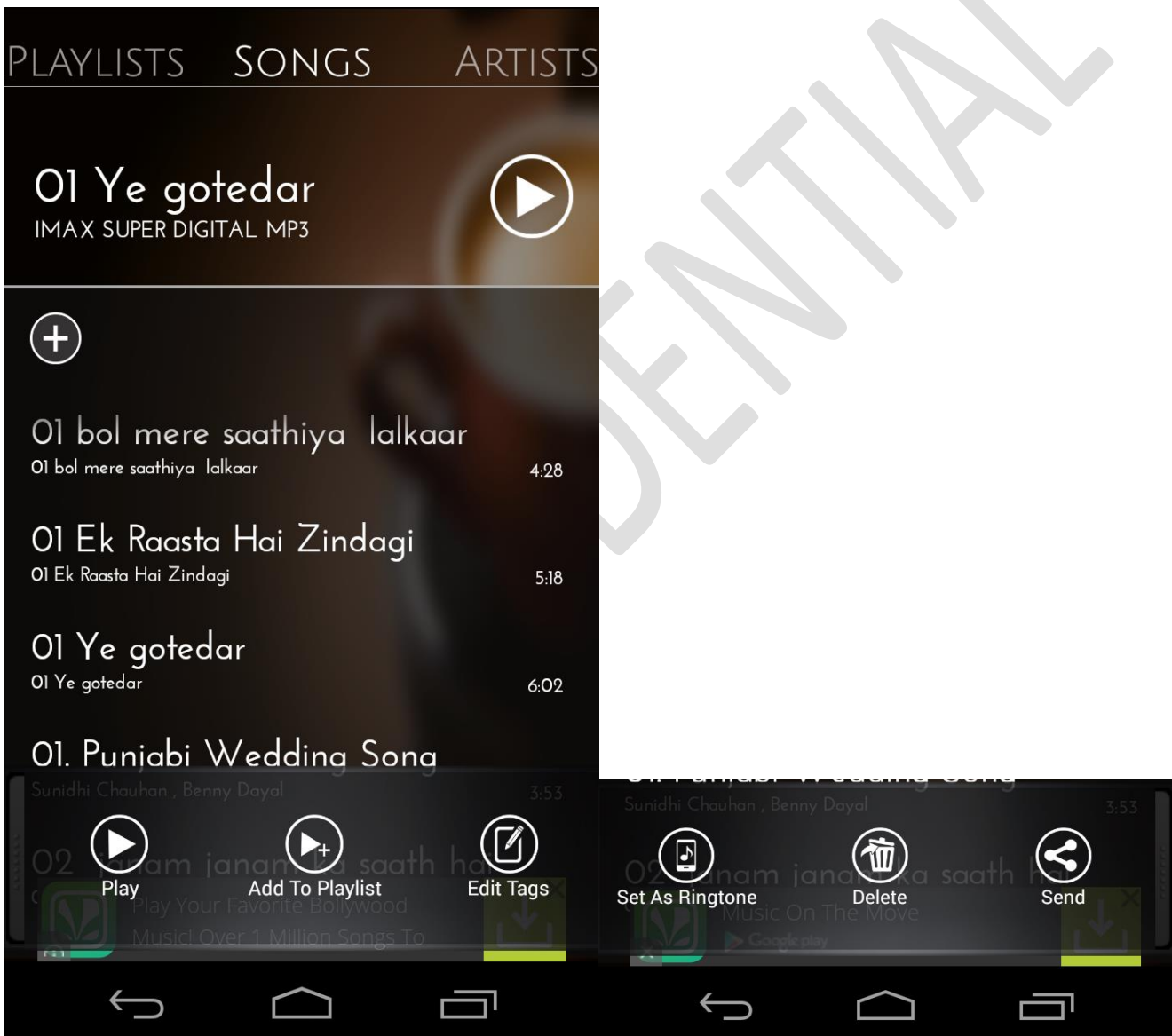
2.3 Search Songs.

When search button pressed, display search box like this.

3. New Quick Action Menu

- ➢ In Songs Tab, OnLongPress of any song display **New Quick Action Menu.**
- ➢ It should have below options in it, **on Horizontal scroll**.
1. **Play Song**
2. **Add to Playlist**
3. **Edit Tags**
4. **Set as Ringtones.**
5. **Delete song**
6. **Send Song**

You will get all details about this lib here, https://github.com/lorensiuswlt/NewQuickAction
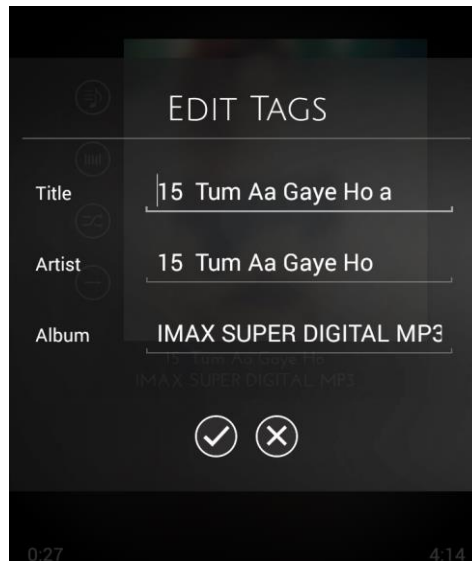

- ➢ All the buttons from QuickActionMenu are self-explanatory..
- ➢ All the icons required for this action are attached with this docs in separate folder.

4. Edit tags

When edit tag button pressed, user should able to edit the tags. Display dialog like below.
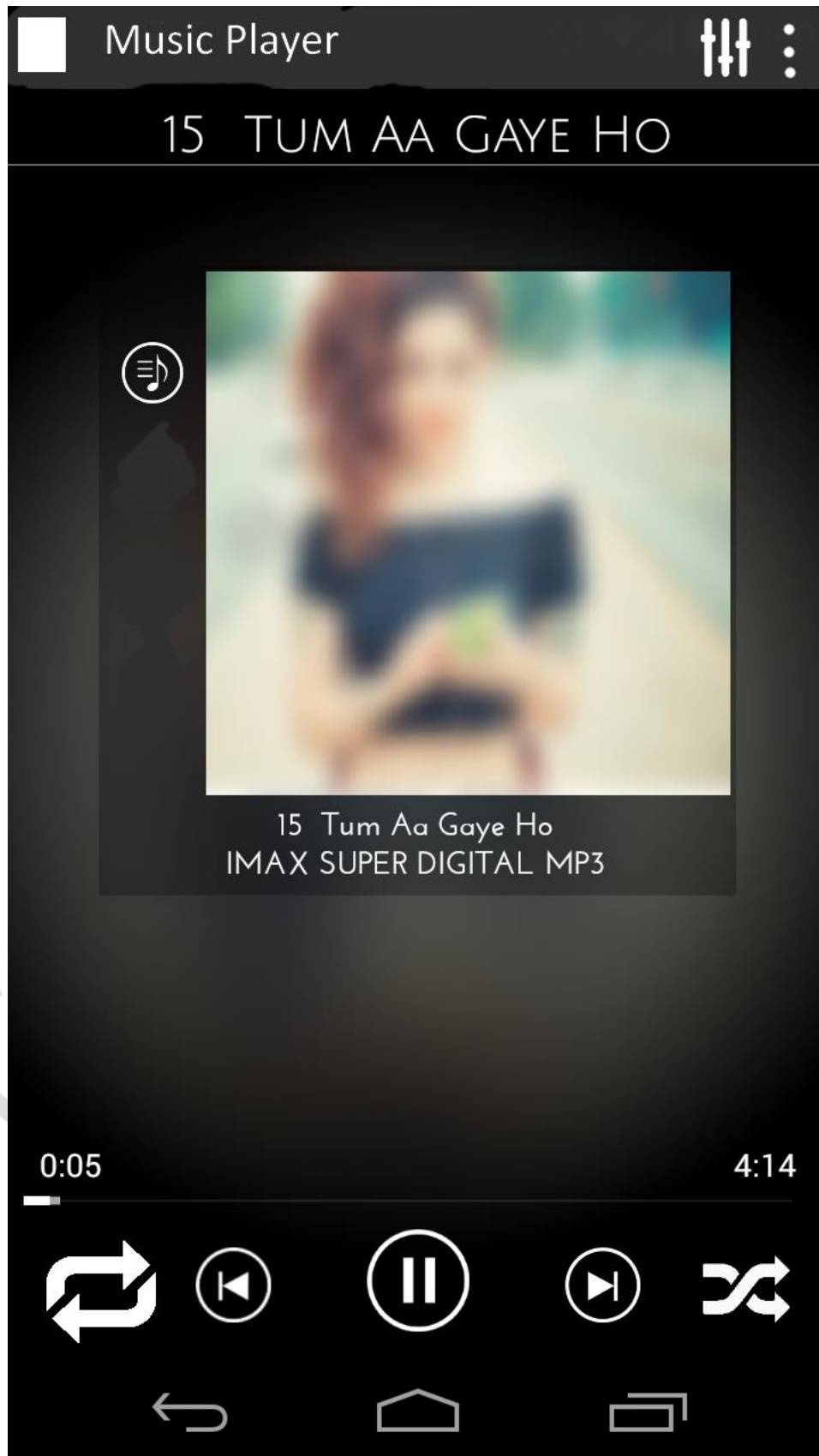

- ❖ **For Tag Edit Functionality you can use below lib.**
- ➤ **Audio Tagger: http://www.jthink.net/jaudiotagger/**

after tags edited successfully display the message "*Tags Edited*" on top, using Crouton lib.

Same for '**set as ringtone**' , '**delete**', '**send**' option.

5. Song player screen :

The song player screen should look like this.

1. ActionBar

2. -- Equalizer Button

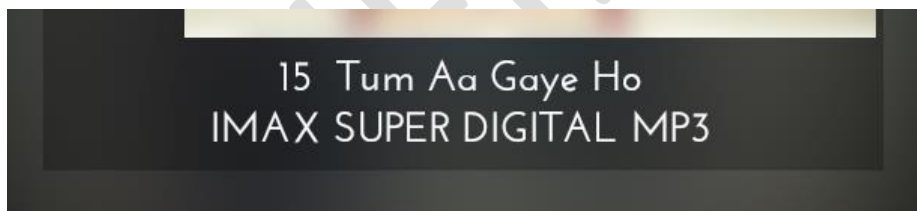**3.** -- Menu

4. -- Queue List
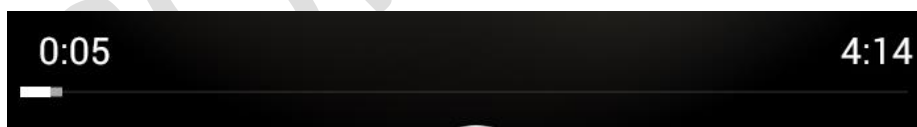
5. -- Shuffle Songs

6. -- Repeat song/playlist
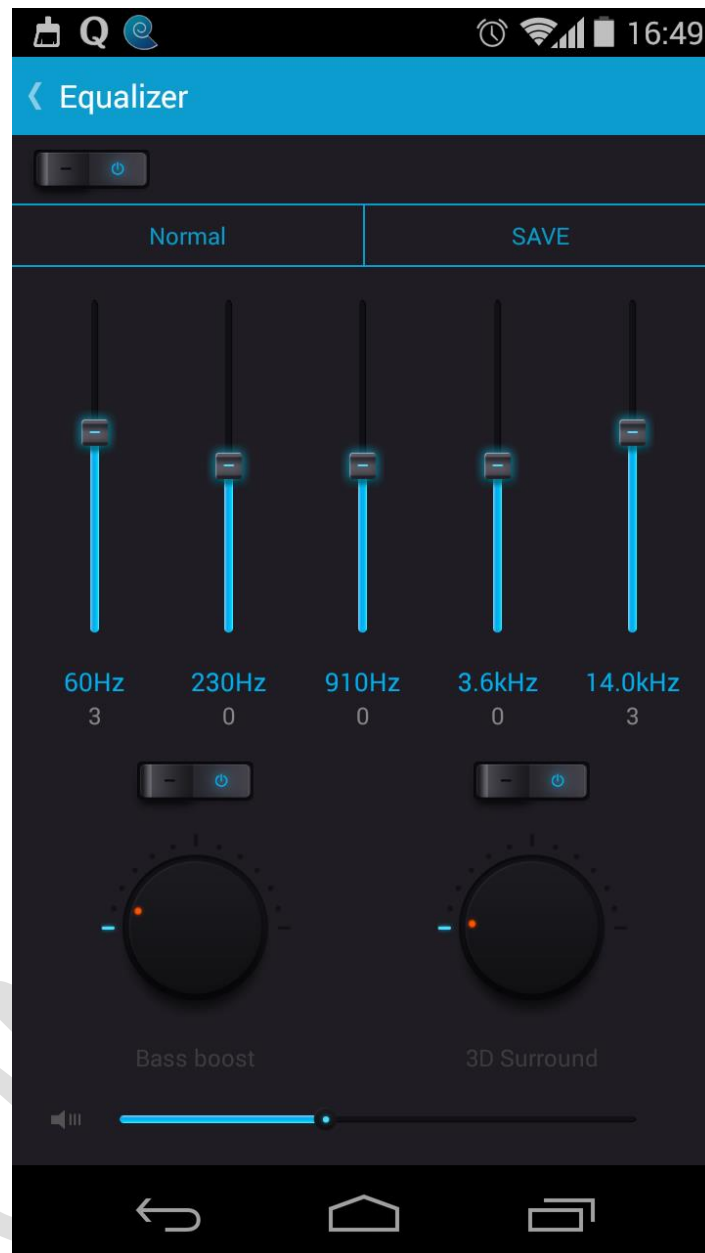
7. -- Song Name and details

8. -- Song timeline

Equalizer:

When ⫼ Button press display equalizer screen like below, along with **Bass and Virtual control.**

❖ Is it possible to add 3D surround sound effect in equalizer screen. Like this app.

https://play.google.com/store/apps/details?id=com.music.star.player open app, play music , go to equalizer screen.

❖ Add volume control option on this screen. Ie volume increase / decrease

3. **Menu**:

When Menu button is pressed from ActionBar,

  ➢ use **BottomLeftMenu lib**. and default enable **'random blink' (there is this option in this lib)**
Ref. https://github.com/RanyAlbegWein/BottomLeftMenu
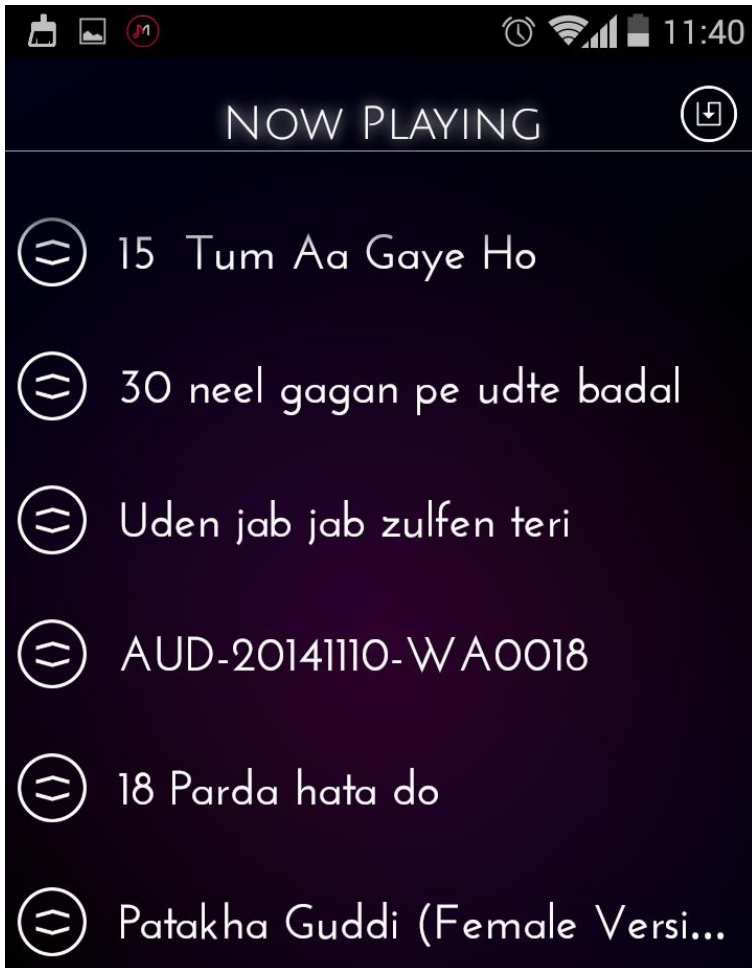It should have options
  - **Settings**
  - **About**
  - **Rate**
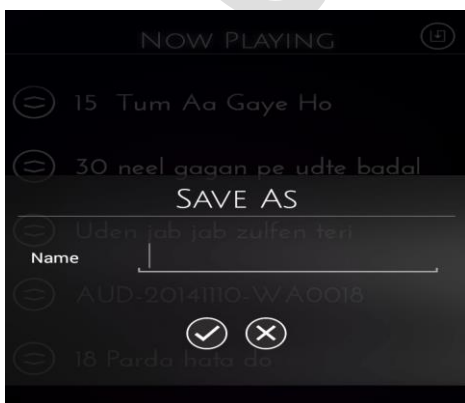 - **Share**
  - **Quit**

4. Queue List

When ![button] button pressed, Display list of all songs , which are currently playing in queue.

  ➢ It will look like this
  ➢ Use **QuickScroll lib** for scrolling the songs. https://github.com/andraskindler/quickscroll
  ➢ Also use dragsort for sorting songs position. You can use this lib https://github.com/bauerca/drag-sort-listview

NOW PLAYING

- 15 Tum Aa Gaye Ho
- 30 neel gagan pe udte badal
- Uden jab jab zulfen teri
- AUD-20141110-WA0018
- 18 Parda hata do
- Patakha Guddi (Female Versi...

➢ When [image] Button pressed, ask user to save the current queue of song **as a playlist.**

NOW PLAYING

15 Tum Aa Gaye Ho

30 neel gagan pe udte badal

SAVE AS

Uden jab jab zulfen teri

Name |

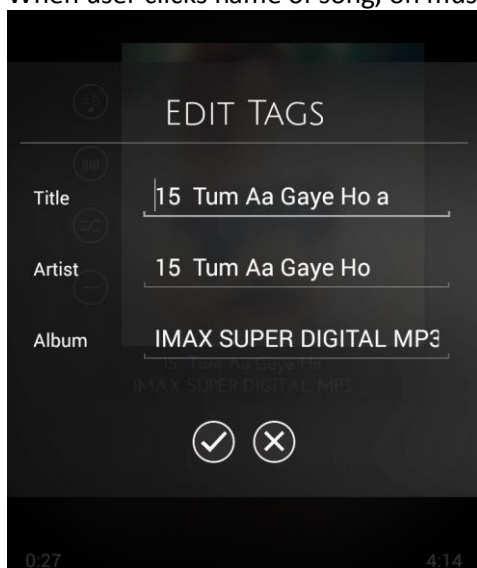AUD-20141110-WA0018

18 Parda hata do

6. Repeat Song

When this button pressed,

-repeat current single song
-repeat current playing list
-No repeat.

You can see such multiple options when user clicks repeat button once, twice, thrice etc..

7. **-- Song Name and details**

When user clicks name of song, on music player screen display **Tag edit dialog**.
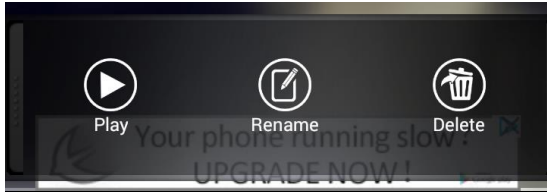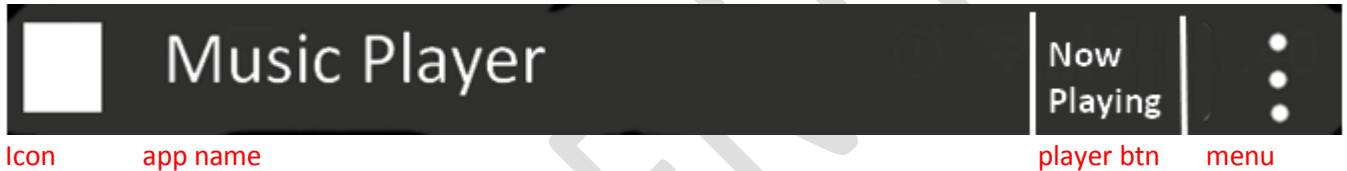
8. Miscellaneous

1. On Playlist Tab , user should be able to play, rename, delete the playlists. OnLongPress of any playlist in PlayList tab, display NewQuickActionMenu but only 3 options.
- **Play.**
- **Rename.**
- **Delete.**
   Like this:

2. Insert Admob Banner ads on all screens at bottom.
3. Display **ArtWork** images on playing screen randomly. Sample images attached with this docs in separate folder.
4. If you have any better ideas for improvement of this app then please let me know.
5. Put ActionBar on All screens. like this:

   Icon   app name   player btn   menu

6. Keep the widget as it is.

7. While songs are playing, it should be displayed in Notification tray.

8. Double press back button for exit. And also on exit ask user for rating.

9. **Please note that, I may add or remove some of the functionalities of the app on runtime.**