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Multimedia Messenger based on Android

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Abstract - *With the continuous development in Science and Technology, mobile is no longer just a device used for communication but a multimedia platform that provides the ability to play the media. Media player is one of the important features of the mobile.*
Android is an open-source and has powerful APIs. SNS music player is an application which can be installed on mobile device seamlessly and will work with the messaging application. SNS music player app can be used as a standalone music player.

Key Words*: *On-Line Social Network, Content-Based, SNS Player, Short Text Classifier.

1. INTRODUCTION

Many users like to hear audio by mobile phone, but the media player has many limitations. With a rapid development of communication and network, multimedia based technology is adopted in media player.
Present scenario for media players provide support for some media format and recently facilities for providing the subtitles is included in the existing system. This paper demonstrates about proposed system which will provide the rich features with the help of existing features.
In the continuous development of science and technology, mobile phone is no longer just communication, but a multimedia platform that provides multimedia capabilities.

2. EXISTING SYSTEM

Media player is one of the important features of the mobile. Currently for maximum number of the available media players it does not support all media format while audio effects are not available to some of the best current media players. While playing any audio file if we want to perform some work like checking the emails or sending some messages we cannot minimize it we have to pause/stop the playing file and perform the work. Also current media players have limitations in subtitle support and dual audio. In current media player all subtitle formats are not supported. In current player one of the major drawbacks is that it has some limitations related to audio quality compatibility as well as format support. Performance of the media player is enhanced in this case by using software encoding facility.

3. PROPOSED SYSTEM

After considering all the above problems, we have decided to implement desktop like media player by using software development and media framework approach. Proposed system will provide improved user interface along with single station for both audio. Single station audio and gives direct audio and tabs which leads to separate options for both audio and. The switching of audio is carried out using just one selection operation like swapping window or clicking button. Proposed system will support multiple formats like 3gp, mp4, avi, flv. In current media player there are limitations related to subtitle format compatibility. Also few media players do not support manual subtitle upload. So propose system will provide multiple format subtitle support. It will also provide manual upload of subtitle on media player.

3.1 Block Diagram/Architecture

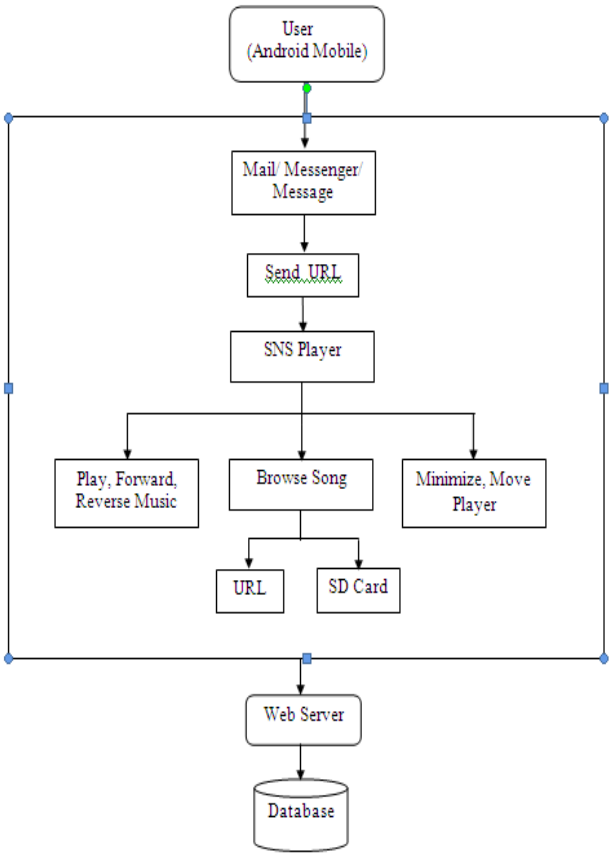

Fig. 1- Block Diagram of SNS Music Player

I. We are going to develop the player application in messenger.
II. User Should have:
   i. Android Cell Phone
   ii. 3G connection for communication
III. The main intention is:
   i. The SNS player will work with the messenger. It has a transparent skin.
   ii. We are also providing the dock as a floating icon to the player.

4. ADVANTAGES

i. This app can easily download on Android as well as Iphone.
ii. We are able to hide the chatting and also able to send documents.
iii. App will be able to send the music and synchronize it with other on the group.
iv. Any numbers of uses are allowed to sync.
v. We first upload the music to our online storage and then it will be shared to the users directly from server.
vi. Improved GUI.
vii. No need of converter
viii. Multiple format support.
ix. Subtitle support facility.

5. IMPLEMENTATION

5.2. Working

When we want to play any media file (audio) on our media player, at first player may be idle or there may be previous files which is either running or stopped or completed. When we click on the media file which we want to play then previously loaded file is retrieved to its starting point and then new file is initialized on player. After initialization of the file it is ready for preparing. In preparing file's current state is checked. Then file will play on media player only if format is compatible with player. Otherwise corresponding codec are loaded and file get played.

Fig.2-SNS Music Player

Fig.3-Gmail Messenger

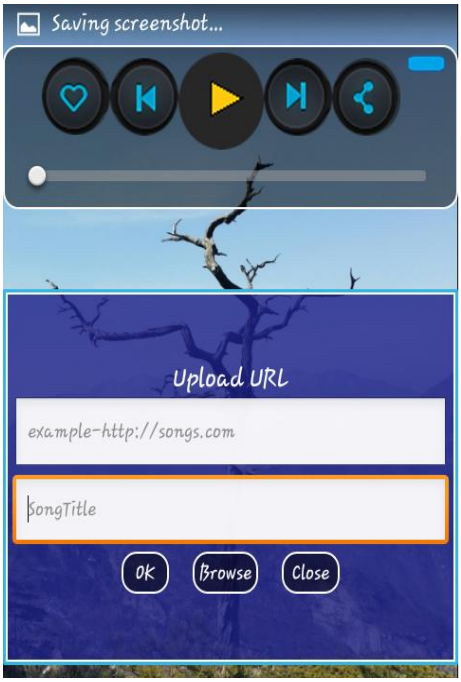

Fig.5-Upload URL to server

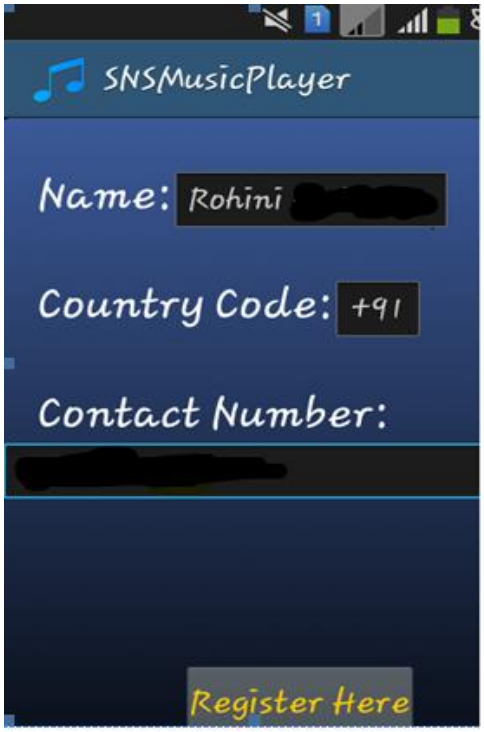

Fig.4-Registration Window

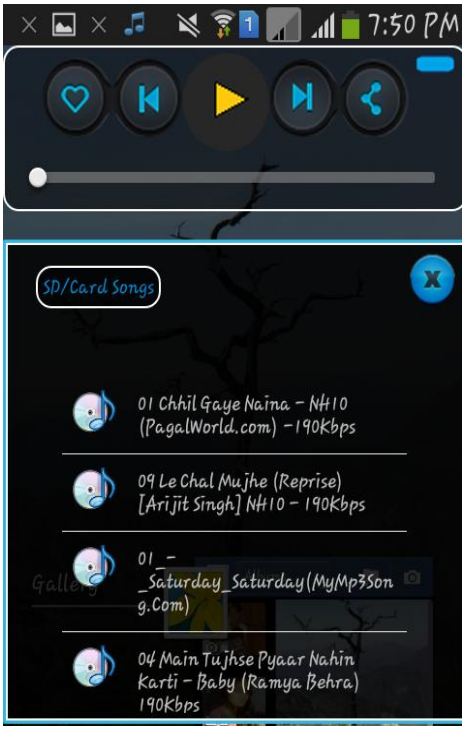

Fig.6-List of SD card Song

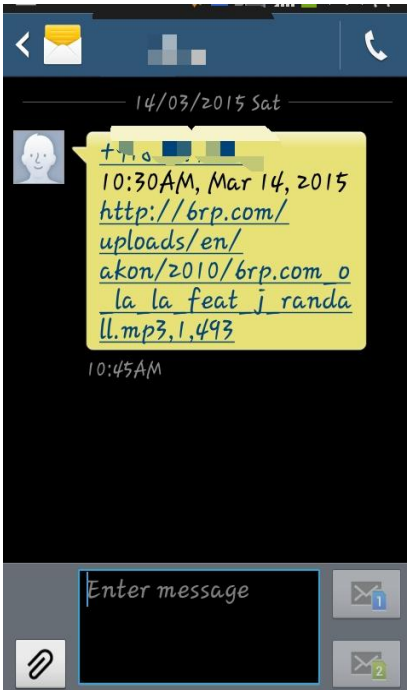

Fig.7-Invite to others

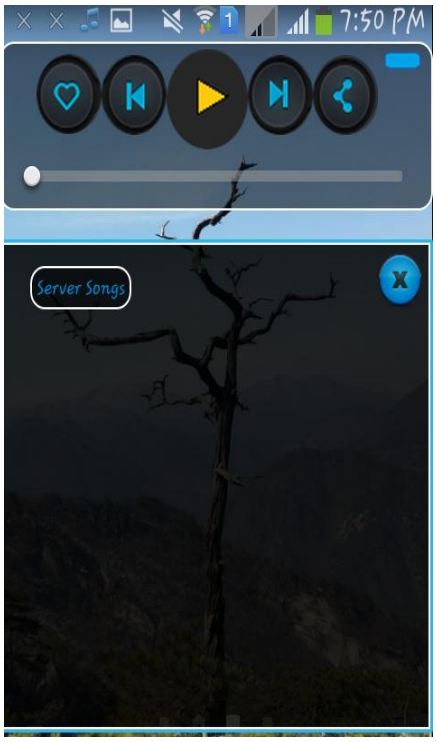

Fig.8-Server Song

5.2. Scope

This Multimedia audio player a will help the user in efficient manner. As there is no any need to download the song we can play that music without downloading it through the SNS player and we are making it more attractive by using dock point concept through the dock point we can easily close/move/minimize the player.

The SNS music player is used as a standalone music player; it has a transparent skin. Through SNS music player we can able to play the audio message without downloading it. That audio message can be played online after buffering. The SNS music player can be used as a standalone music player and it will notify the user to override with another request from the friends to play the music. In this player we are also able to review what's on the playlist and play the list whenever you want; you don't need to be on the messaging App. We are also providing the dock as a floating icon to the player through which we can minimize the player or move the player to up or down or any position by just holding the icon and moving it. We can also able to close the player by holding the dock icon for 3secs and prompt a box to confirm the closure.

6. CONCLUSION

This paper shows different approaches for design of media player. In our system we are providing through the SNS player we can do chatting while playing the song. We can also invite the friend to listen the songs in a group. We can also review the playlist through the SNS player. Our system is also providing the dock point to the SNS player by docking the point we can move/minimize/close the player.

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