**Project proposal**

**Team 11**

# **Information**

**Project name: music mobile app**

**Team member:**

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| --- | --- |
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# **Introduction**

## **The idea**

Our team decided to develop a music mobile app. The software like zingmp3 or nhaccuatui allows people to listen to amazing songs and download them. Artists, musicians and singers can upload their music product to servers that allow everyone to listen.

## **The reason**

There are three reasons why our team has taken this idea for this software project. Firstly, music is a necessary thing in the daily life of every single person. Secondly, these days, it is not difficult for people to have their own smartphone and use it, so that a mobile app can approach users easily. Finally, we want to take music closer to everyone and hope they enjoy it.

# **Detail**

## **Target users**

Music lovers – everybody who is able to listen to music:

* Listeners: who want to enjoy music.
* Artists: who want to share their music products

## **Environments**

Devices: mobile phone

OS: Android

Programming Language: C#

## **Features**

Key features: list the key feature for the app.

|  |  |  |
| --- | --- | --- |
| Feature | Description | Note |
| Play music | Users can listen to a large amount of songs in the app. |  |
| Download songs | Users can download their favorite songs from the app to their phones. | Only VIP users |
| Upload songs | Users can upload their own music products (audio files) to the app’s server. | Only artists |
| Music playlist | Users can make playlists of their favorite songs. |  |
| Rate songs | Users can rate points to the songs that they have listen and every one can see that point |  |
| Recommend songs | We will recommend the most that have been listened to of week, of month and of all time or ones that have much good reactions. |  |
| Information of the song | - Name of the song.  - Performers, songwriter, …  - Kind of music.  - Comment,rate, … |  |
| Search | Find the song by name, by artists,… |  |
| Management | Manage accounts (delete and upgrade accounts) and ban unacceptable accounts. | Only admins |
| Have Account  (Register & log in) | The app has different types of accounts. Recently, there are 4 types of accounts. |  |

Actors: list the types user join the app

|  |  |  |
| --- | --- | --- |
| Actors | Description | Note |
| Guest | Only be able to play songs. |  |
| Common user | - Can play songs and comment below the songs.  - Rate the songs and make playlists. |  |
| Vip user | Like common users but they can download the songs. |  |
| Artist | Can upload songs |  |
| Admin | Manage accounts and ban unacceptable accounts. |  |