

# Project Management Report

## Team 5: Music Player

Our project is Music player app which is developed in android studio. In this application when we had started project plan we had thought to develop a music player which can give song recommendations.

This app should also include the basic feature of music player which was our initial requirement. We had planned to this in an agile model of development for doing this application. Let me first give overview our initial plan in short description.

**Initial plan:** We had planned for basic music player app, classification of songs based on moods and genres. Song recommendations based on user choice i.e contextualization. We had also planned to provide an fb login as well as normal registration login for the users.

### **Increments and Implementation during each phase:**

#### **Increment 1:**

In the first increment we started created the basic needs of our application with respect to software design and architecture of our app.

During this phase we had successfully drawn wireframes, design, and UML diagrams. We had done the document by working in team. Each of us worked on designing the complete architecture and all diagrams.

#### **Increment 2:**

In the second increment we had planned for the developing app in terms of basic music player which plays songs from your phone.

During this phase we had able to meet this requirement as we developed the music player with simple feature. Vilas had contributed in developing the code for this phase.

#### **Increment 3:**

In the third increment we had further continued to classify the songs based on moods and genres taken the inspiration from Saavn which converts songs into different moods like instrumental, classic, etc.

During this phase we were successfully able to develop the requirement of classifying the songs. Vilas had contributed with respect to code for classification of the songs with respect to each

classification. Dinesh and Ranjitha themselves contributed with respect to complete design the User interface in better way than it was in the previous increment.

#### **Increment 4:**

In the fourth increment we focused on our main motto that is contextualization. Songs suggestion for user. Registration using sqlite and fb login for the app.

During this we had started working on the categories based on the day time and suggesting the user about songs for morning, afternoon, evening and night. We had successfully able to complete this task and we were able to classify and suggest the songs based on day time. We had also completed coding for the registration and fb login.

We were finally able to achieve what our initial plan was. We were happy with what we had developed so far. But still we had some little time after 4<sup>th</sup> increment, so we had continued to think what else can be done to this app. We had got the idea in the last phase after 4<sup>th</sup> increment that to classify the songs based on the year. i.e OLD songs and latest songs. We were successfully able to the code for this final thought -and implemented it. Vilas had contributed with coding for this year based classification.

#### **Overall and Future scope:**

Over all about this app, we had satisfied as we met the requirements which we had planned earlier. We had started well and in between we had few issues in implementing the app, but still we had continued further and did our best to accomplish this project. We had learnt a lot during this process of development. In future we will use this agile model of development in projects. Agile model is a good software model to use in developing applications.

If this was a real time project, we would further like to add the songs suggestion to the user based on their age which they will during their registration. Another feature like sending the songs to the friends through social media. Cloud storage of the songs and accessing them and playing when in need.

#### **Overall team contribution:**

Vilas Mamidyala (25) –40%

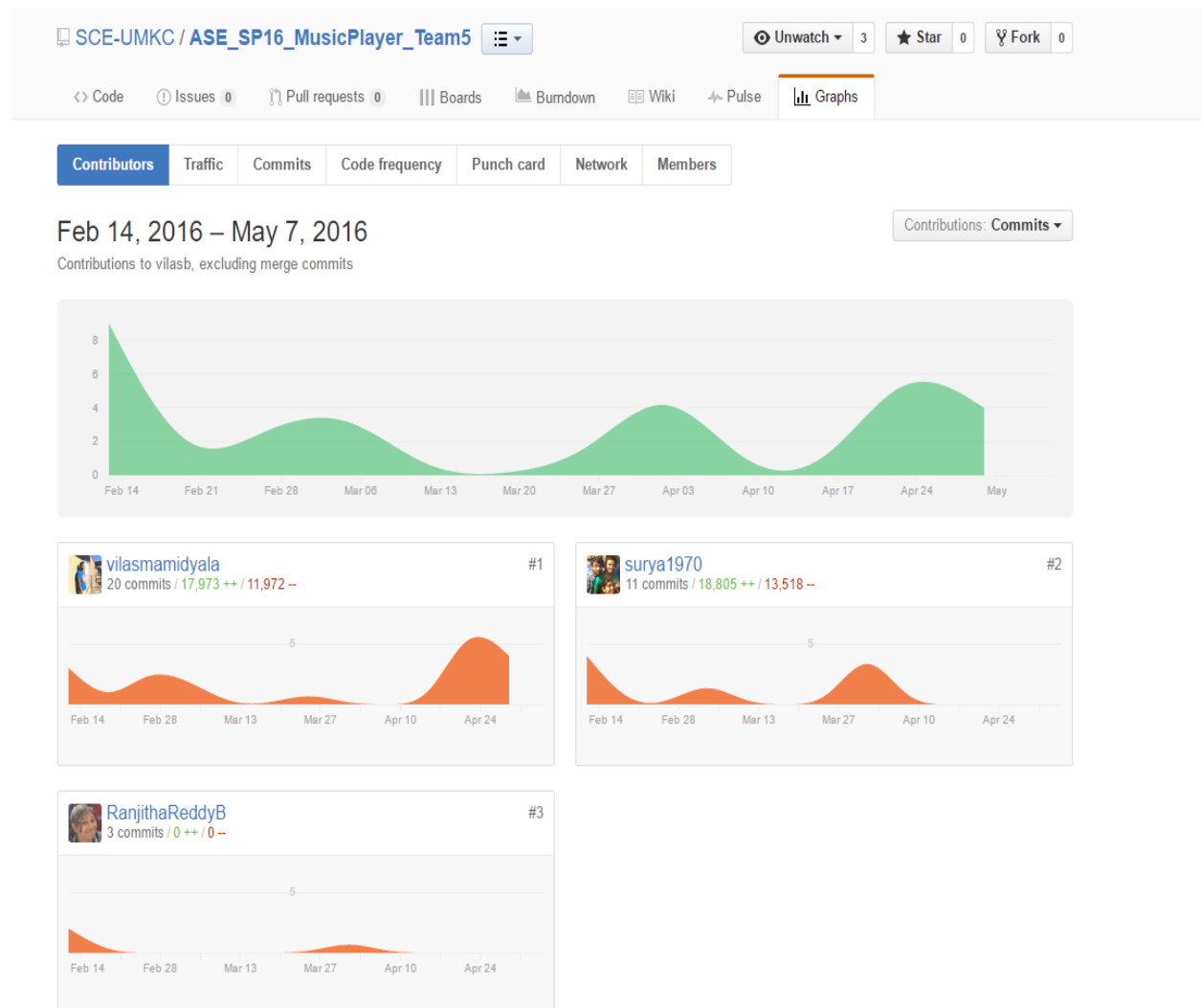
Dinesh Reddy Bandam (4) –30%

Ranjitha reddy Bhumi Reddy (5) –30%

## Contribution:

Project Artifacts	Team: Vilas, Dinesh, Ranjitha
Projects Plan	ALL
UML Diagrams, Wireframes & Architecture diagram	ALL
Handling Database(SQLite)	Vilas
Layouts design	Dinesh and Ranjitha
Project Reports	Dinesh and Ranjitha
Implementation (Coding & Unit testing)	Vilas
System Testing	Ranjitha
App Maintenance	ALL

## Github Images:



Issues:

SCE-UMKC / ASE\_SP16\_MusicPlayer\_Team5

Unwatch

3

Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Boards

Burndown

Wiki

Pulse

Graphs

Filters

is:issue is:closed

Labels

Milestones

New issue

Clear current search query, filters, and sorts

<input type="checkbox"/>	0 Open ✓ 15 Closed	Author	Labels	Milestones	Assignee	Sort
<input type="checkbox"/>	<div>time based songs classifier 1</div> <div>#39 opened 9 days ago by vilasmamidyala</div>					2
<input type="checkbox"/>	<div>Make changes to the wireframes enhancement 2</div> <div>#25 opened on Feb 29 by vilasmamidyala</div> <div>Modify the wireframes</div>					2
<input type="checkbox"/>	<div>Make changes to the code for the app enhancement 3</div> <div>#24 opened on Feb 28 by vilasmamidyala</div> <div>Make changes to the...</div>					1
<input type="checkbox"/>	<div>Make changes to the proposal document enhancement 1</div> <div>#23 opened on Feb 28 by vilasmamidyala</div> <div>Please make change...</div>					2
<input type="checkbox"/>	<div>Make changes to the state chart diagrams enhancement 1</div> <div>#22 opened on Feb 28 by vilasmamidyala</div> <div>Please make change...</div>					2
<input type="checkbox"/>	<div>Make changes to the sequence diagrams enhancement 2</div> <div>#21 opened on Feb 28 by vilasmamidyala</div> <div>make changes to seq...</div>					1
<input type="checkbox"/>	<div>Make changes to the class diagrams enhancement 2</div> <div>#20 opened on Feb 28 by vilasmamidyala</div> <div>make changes to cla...</div>					2
<input type="checkbox"/>	<div>login invalid bug 1</div> <div>#15 opened on Feb 19 by surya1970</div>					1
<input type="checkbox"/>	<div>wireframes 2</div> <div>#9 opened on Feb 19 by surya1970</div> <div>wireframes</div>					3
<input type="checkbox"/>	<div>state diagrams 1</div> <div>#6 opened on Feb 19 by vilasmamidyala</div> <div>design state diagram...</div>					3

## Homepage:

SCE-UMKC / ASE\_SP16\_MusicPlayer\_Team5

Unwatch 3Star 0Fork 0

Code

Issues 0

Pull requests 0

Boards

Burndown

Wiki

Pulse

Graphs

No description or website provided.

61 commits

4 branches

0 releases

3 contributors

Branch: vilasbNew pull requestNew fileUpload filesFind fileHTTPShttps://github.com/SCE-UMhttps://github.com/SCE-UMDownload ZIP

vilasmamidyala Update README.mdLatest commit 86003f0 2 days ago

Documentation

changes to repo for its classification3 days ago

Source/MyApplication

changes to repo for its classification3 days ago

README.md

Update README.md2 days ago

README.md

# Music player application

This is about Music player app developed in android studio. Now a days we have many music player applications but still we are not having some limitations. In this app we are keeping the features as said below:

This is a music player application which has different songs suggestion and classification to the user. User gets all the songs from the internal memory storage and SD card present in the smart phone. Songs were classified as new songs which are currently in trend and old songs which are from the olden days. Songs suggestion based on Time i.e with respect to morning, afternoon, evening and night. Other classification is based on Moods and Genres. Instrumental Rock Pop Devotional Classics Party

youtube link for video demo:

<https://www.youtube.com/watch?v=ZFly5MCaaW8>

Thanks

## Github link:

[https://github.com/SCE-UMKC/ASE\\_SP16\\_MusicPlayer\\_Team5](https://github.com/SCE-UMKC/ASE_SP16_MusicPlayer_Team5)