

**PROJECT SYNOPSIS**

**OF**

**MUSICANO**

**(Group-22)**

**SUBMITTED TO: SUBMITTED BY:**

**Mr.ANUJ MANGAL SAGAR GAHLOT**

(Assistant Professor)

Department of Computer Engineering & Applications **KRATIKA AGRAWAL**

**RISHABH SHARMA**

**SACHIN SAXENA**

**SATYAM KUSHWAH**

**OBJECTIVE**

**The main objectives of our project are:**

* To make a website that can be helpful to all peoples who are eager to learn the music.
* To make users select instruments and get proper notes of every instruments.
* User defined constraints handling.
* Ease of use for user of website so that he/she can get to know their interest.
* Interaction with the famous artists.
* Generate multiple useful views from learning .

**PROBLEM STATEMENT**

* In this website we can refine more talent on the web based site.
* In case of finding extraordinary talented person he can interact with the artists and can get fame.
* In place of wasting money on the classes of music learning a person can get notes and video for free.

**INTRODUCTION**

Musicians are generally facing a problem of finding notes of instruments .So, is there any particular site which includes notes of all the instruments.

This project help them to find the all notes of every instrument in one place and in additional to it they can interact with artist by chatting with experienced artists and from this site teachers can also download notes for their student. This site also include notes with audio and video.

In this Artists and Learners can make and upload the videos. So, the others can learn and admire their talents.

The purpose of this site is to stop people for notes struggling and start people learning journey in an efficient manner and can check their knowledge by giving quiz.

Musicano help in finding the hidden talent of the student and give a path to them to show their talent on an higher level where the value of that talent be examined by the famous music artist.

**PURPOSE**

* Through this website the talent can be found and be encouraged and the youth will not hesitate in performing as they are not performing in front of public.
* The artist can interact and do corrections in their mistakes.
* Great opportunity to show the best in you.
* The interaction process is so simple that can be done with ease in the chat box.
* The process of refining can be done on the basis of comments that can be done on the video that is being uploaded.

**BENEFITS**

* It will allow users to work on and showcase their talents in different platforms and view different videos simultaneously.
* It will resolve the self presence judging, and also save time.
* It will help peoples to learn anywhere at any time.

.

**SCOPE OF PROJECT**

Musicano is a web based platform to enhance the talent of a person who has interest in music or wants to learn music. It gives the useful notes to the learners and the upload section for the experienced artists and all the learners. Interacting session with the artists will enhance the lacking of the students. The talent in this site will be aspirated and enhanced.

**PRODUCT DESCRIPTION**

Musicanois a general website for getting different instruments notes. It can give good outputs for the searched instruments. And also there is a interacting platform in this site. In which learner can interact with the artist is after 100 likes. There are certain rules through which the learner can achieve fame if he gets more and more like.

Some of the most common constraints to deal with are listed below. Some of these are soft constraints meaning they only increase the cost. Some are hard which cannot be violated.

1. **HARD CONSTRAINTS:**

* Time is limited to complete the course.
* Interaction with artist will be possible when video cross 100 views.
* One student can join at most two courses simultaneously.

1. **SOFT CONSTRAINTS:**

* Music notes will be provided according to their level.
* Certificate will be provided at the end of the course .

* Every level has to be completed in 2 days.
* Authentication of user id is with their gmail account.

**PROJECT JUSTIFICATION**

Currently, there is no such websites which provides free music notes and promotes the music without money, which is causing many problems for the music lovers.

To overcome this problem it will provide music lovers a platform and a learning site we are taking this project.

The website which will be made will be an easy to use and interactive way.

Regarding the cost there will be expenditure in buying the domain and Windows operating system which will be required to use the project. The required hardware is also already available with the university.

**PRODUCT FEATURES**

**Interface for input:**

The system will be having an easy to use and interactive interface to enter all the inputs like the videos, comments on the videos, notes downloading and showing up their talent.

**Database Capabilities:**

The system will have well designed database to store all the information which will be entered in as the input. Separate database maintaining basic information, name, login id, password, artists authentication and their associations and other details Database for holding chats done between artists and learners and for storing required instrument type.

**Processing Capabilities:**

The system will have algorithms to process all the data present in the database and keeping in view the various constraints like that a learner should not have two same username , learners have minimum 100 likes to interact with artists, proper chat rooms are allocated for the, learner and artists. The inputted search will result in the all resulted results in the database.

**Search Panel:**

The system will have an easy to use to search panel to search according his need on the website stored in the database. The system would give the response to the user queries in the proper format and error messages will be shown properly to tell user about his mistakes and to guide him/her for proper use of thesite.

**Features for assigning priorities for instruments**

* Features for editing generated table of the inputted instrument, saving edited tables and opening saved tables.
* High portability, works on almost all systems available.
* Highly efficient, needs only few minutes to completely open.

**ASSUMPTIONS**

The requirements will not change once they have been finalized. Sufficient information and documents from the learners and artists will be available when ever required. The response time of the website will be accepted whatever it maybe.The sitewould be used on any platform .

**REQUIREMENT ANALYSIS**

This gives minimum requirement your site should have in order to make this software work. This software works fine in any operating system in which the developer tools or the user tools can be installed. Since we had limited resources we could only test in Widows 7, Windows XP, Ubuntu11.04, Ubuntu10.10. So usually the requirement specification will be same as that of the operating system. So we are providing a standard specification.

**SYSTEM CONFIGURATION**

**Minimum requirements of the system:-**

* 2 GHz x86 processor
* 1GB of system memory (RAM)
* 15GB of hard-drive space

* Local Area Network(LAN)

**DEVELOPER TOOLS**

**XAMPP 7.3.1:-**XAMPP has been designed to be the easiest way to install and run a development server. There are numerous other WAMP packages available, but XAMPP is one of the most complete on offer. In addition to Apache, MySQL, and PHP, XAMPP includes other really useful tools such as the phpMyAdmin database administration tool, FileZilla FTP server, Mercury mail server, Perl programming language, and JSP server Tomcat.

In the XAMPP control panel you can configure the above services with ease. XAMPP can also install an administration site as the home page of the server.

**MySQL 2012:-**Microsoft SQL Server 2012 is a relational database management system developed by Microsoft. As a database, it is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across the network (including The Internet). There are at least a dozen different editions of Microsoft SQL Server aimed at different audiences and for different workloads (ranging from small applications that store and retrieve data on the same computer, to millions of users and computers that access huge amounts of data from the internet at the same time).

**REFERENCES**

* <https://www.w3schools.com/php/php_intro.asp>
* <https://www.w3schools.com/Css/css_intro.asp>
* <https://www.tutorialspoint.com/html5/html5_overview.htm>
* <http://www.guitarnotesmaster.com>