**PROJECT PLAN**

**Submitted by :**

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**Problem Statement**

1. **Clear and well-defined problem statement.**

We are planning to build an online audio distribution platform that enables its user to access and create their favourite music collection remotely.

1. **How will your project be different from any similar systems?**

It will provide a same user experience in different working environment and operating system.

1. **Be as detailed as you can in 2-4 sentences.**

Software clients in different operating system will use the same lower level restful APIs. So they can access their favourite music collection on the go. The multimedia database created or remote server will be categorized on the basis of various genres.

**2. Project Objectives**

**(a) Clear and well-defined list of project objectives**

Our project will give user the access to the collection uploaded by the admin.

User will be able to create their own playlist.

User will get RSS feed on latest updates.

**(b) Also mention which team member is going to work on**

**which objective**

Poorva Arora : Handling client side activities and optimized working of the software client on different platform.

Sahil Narula : Working on backend scripts, multimedia database and restful APIs.

**3. Feasibility Study**

**(a) Evaluation of the potential of the proposed project**

The software client will target every possible platform included linux and unix system and web operating system.

**(b) Justification that the project will be completed within the**

**Timeframe**

The project has already been started. According to timeline, the frontend of the project will be completed within few weeks and following weeks will be devoted to backend.

**(c) Also study the technical & operational feasibility of the**

**project**We could have started the project on PHP but to make it dynamically stable and to provide some real time triggers, we will be using sockets along with single threaded evented io using node js.

**4. Process Model**

**(a) Choose the appropriate process model for your project**

We have found that Incremental Model is the appropriate model for your project.

**(b) Justify the why you have chosen it**Incremental method is used when all requirements are clear in process iteration but customer wants something immediately to use.   
In our project designing will be done for whole system all together but development is done in increments and integrated with existing system.

**5. Deliverables**

**(a) Specify well-defined deliverables. (major results or services that will be produced, specific things the software will do)**The software doesn’t have any hardware dependency so it provides convenient user experience.

**(b) Mention any platform(s) and/or framework(s) which you plan to use.**

Node JS, Angular JS, Hadoop (if required), MangoDB,

Sails JS/ Express JS.