# Notes: -We ultimately decided to use the UCI dataset rather than the MSD because it has more clear word-based data and everything else we need. -We verified the date -Things to resolve: -Create a fake user history (potentially also create fake demography)

-user id

-song id

-listen count

-location (states, regional)

-age

-Data cleaning  
 -Write up the proposal

-Creating the ~~github repository~~ (Something like this with privacy, version control)

# Project Proposal Format:

Each proposal should contain the following:

1. Project title, Group numbers  
Title? Playlist Recommendation Engine?   
Dhiksha Ramkumar, Indrajeet Mishra, Priyanka Sharma, Sairam Rajagopalan, Elizabeth Thomas

2. Team profile:

1. Individual qualifications and strengths (such as: programming, design, presentation, documentation, management and organization) Note: It is expected that every team member shall be involved in all project activities; this only indicates individual strengths,not their sole responsibilities

3. Name of the elected team leader, if any (having a team leader is optional). The team leader should act as facilitator, to organize group meetings and generally keep track of project activities.

4. Proposed project description should include the following:

i. Statement of the goal

To create a web app where users could input songs (or possibly artists) and receive a playlist based based on that input which recommends songs using accurate prediction.

ii. List of the services to be provided by the proposed system (describe each service very briefly) For every feature, state whether you will write the programs to support it, or you will use existing programs. For example, if you state: The system will provide search facilities, will you write the program to perform the search, or you plan to use existing software?  
The service we will be providing will be recommending songs for a playlist based on user preferences. We will be using existing python libraries.

iii. Description of the programming part of your project. Explain what kind of data processing/analysis you will do. Tell us exactly why we should consider your project as programming. Just saying: The system will provide search facilities, may mean that you are using SQL database calls and doing no programming at all.

iv. Description of the typical system customers

v. Mention also if you already have a customer (somebody interested in the end product that you will develop).

The document should be prepared on computer. Proposal Submission. Because the project is a teamwork, each team submits a single document for the entire team.

Submission deadline: 11:59 p.m. on Sep 18, 2017 or earlier.