Dear Project Sponsors,

Hope you had a good week. It has been our pleasure working on the Spotify's project and we look forward to actually discover something interesting along the term. In addition to the quick intro we made during our meeting last week, we are sending a progress report on our current stages and plans of the near future. We have also attached with the email our latest scope of work for an overview of our goal and plans of the whole project. Since we just starting the project, we are still brainstorming some aspects which might evolve in the future.

Among these, Pavlos pointed out we should do some work on assessing the quality of our proposed algorithm with human feedback. So we have rewritten some of our goals to include a study that would involve possibly students of the course and IACS to evaluate our generated playlists. To gather info we will probably develop a web UI. Details are still in the planning phase.

Current stage:
1. Working Word2Vec model that finds pool of relevant songs from 1 million playlist data set.
2. YouTube comments mined for first 250 playlists and Genius.com descriptions for first 1100 playlists.
3. Mined Lyrics for first 1000 playlists.
4. Done a introductory literature review of the challenge.

Our plan for the next weeks:
1. Extracting location and emotional response features from YouTube comments and Genius.com descriptions. Along with some topic modelling.
2. Setting up Bayesian Hierarchical model as baseline for experimentation.
3. Continuing exploring and looking for interesting trends within the information. We will be brainstorming other possible approaches for our project.

Please let us know if you have any suggestion or concerns regarding our project and we will look forward to keeping in contact with you along the term!

Sincerely,

Benjamin Sanchez-Lengeling, Timothy Lee,
Mehul Smriti Raje, Spandan Madan
Team Spotify for APCOMP 297r