**PROJECT PROGRESS REPORT:**

**MusicDB**

*Group 7:*

* *Duy Vu*
* *Nam Luu*
* *Lee Jaejin*

1. **Diagram of the Database:**

1

1

**User:**

- UserId (key)

- FirstName

- LastName

- Username

- Password

- Email

- Roles

\*

1

\*

1

\*

1

**Playlists:**

- playlistID (key)

-userId

- SongIDs (fk)

**Comments/Reviews:**

- UserId (key) (fk)

- SongID

- Comments

**User’s Library:**

- UserId (key) (fk)

- SongIds (fk)

**Songs:**

- SongID (key)

- Title

- Artist

- Album

- Year

1. **User interaction:**

For current demo, please go to: <http://cs3200project-myneu.rhcloud.com/public/>

Login as USER : (username/password) alice:alice

Login as ADMIN : (username/’password) admin:admin

1. User can either log in or register to use the service
2. Once logged in as a USER role
   1. Profile tab allow user to modify user’s info such as:
      * Change username/password
      * Change firstname/lastname
      * Change Email…
   2. Search tab allows:
      * Searching song in the database
      * Adding song on the search result page to user’s library
   3. Library tab has 2 tabs:
      * + contain the songs of the user’s library in the track tab
          - select song to view info
          - delete song from the library
          - add song to playlist
        + contain the playlist of the user in the playlist tab
          - view the song of the playlist
          - delete/add playlist
   4. A footer at the bottom of the page will contain the info of the selected song. Clinking on the icons on the footer provide the song’s info in more detail such as review/comment…
3. Once logged in as an ADMIN role
   1. Aside from the functionality of the user, admin can access the Admin tab which allow ADMIN to delete/add user
   2. Delete/add/modify database’s songs

1. **Technical Specifications (same as the proposal)**

* We will be using MySQL to build a relational database.
* The project consists of a web front-end, a server back-end and a database
* Front end will be developed using AngularJS, HTML, CSS, Jquery
* Back end will be developed using NodeJS
* The database will be MySQL with the use of nodejs-mysql module to connect it with the server
* We will be using Spotify API for the music the catalog. When a user decide to add the song to their library, or comment on it … we will then save that info in our database.
* There should be no machine restriction on the project.