MusicMe Phase 2 Document

*Software and Descriptions:*

* PostgreSQL
  + Database Management Software
* Postico
  + Allows us to have a viewer friendly UI for managing/viewing our DB.
* Spring Boot
  + A Java framework that allows for easy start up of Spring applications
* Maven
  + For easy startup/management of Spring Boot applications. Concept of application begins with Project Object Model (POM) which facilitates easy documentation of information.

*Team member roles:*

* Jane Kim
  + Conduct user research through interviews with those who might one day be part of the app’s user base (jazz band players, orchestra players, solo recitalists, directors, etc.)
  + Gathering a compilation of insights about user base from refining and analyzing notes and presenting recommendations for designs to team
  + Translate general idea for functionality into vector designs in Adobe Illustrator and prototyped through Adobe Experience Design (if time permits)
  + Contribute to front-end development
* Kostas Gobakis
  + Full-stack, mainly backend for this project, developer specializing in Java
  + Knowledgeable in React-native and Spring frameworks
* Harry Jung
  + Contribute mainly to backend service, working with Java.
  + Need be, make contributions to the front-facing application.
* Lizzie Kobelski
  + Contribute mainly to front-end development, working with React/html.
  + Contribute to backend development in PostgreSQL work.

*Preliminary Questions:*

* Is there any recommended software for translating Adobe Illustrator designs smoothly into code?
* When comparing different instruments, are there different needs to be met for the users to maximize their learning capabilities (this is a design question that will hopefully be fleshed out soon as we’re finishing up user research)?
* How to handle sign up? OAuth via third party (Google, FB) or internal?
* What roles do we need to assign users?
  + Admin vs. general user, etc…
* How do we control what’s being shown on the feed? In other words, is there a way for us to easily screen videos before going up?
* How advanced do we need our messaging functionality to be? Would we want videos to be sent back-and-forth?
* Although the bulk of the community building will be facilitated through direct messaging (i.e., direct 1:1 contact), is there any use of “comments”? (The reason this is here is because there really isn’t a compelling counter nor pro argument)