

## 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)