You will need a few key languages and platforms to build and execute out application.

First and foremost, please download and install the latest version of Java, MySQL server, MySQL Workbench, and Apache Maven. Additional IDE's such as IntelliJ IDEA will be helpful in building our project, but not required. I will give brief instructions for building without IntelliJ but it's recommended to install as we will cover a more in-depth build using it.

Primarily, once your MySQL server is installed, please use the instructions detailed in the Database Initialization Instructions file. After the database has been initialized, you should be able to build the project and run the application.

To build without IntelliJ, navigate through terminal to the directory containing the maven project. The root directory of the maven project contains the pom.xml and is labelled as "MusicManager". Next, you will use two commands to build, first use the command "mvn compile" to build the project. Then, use the command "mvn exec::java" to run the project. You should now see the project run and start a java window.

To build the project with IntelliJ first import the project (root directory at "MusicManager") as a maven project. Next, find Project Structure in the tool bar (on Mac OS it is located under File). Select libraries, the plus sign, and add maven. Search for the library "mysql-connector-java:8.0.22" and add it to the project structure. Once complete, you will need to add a build/run configuration. This can be found in the tool bar under Run or on the Gui next to the play button. Add a maven target in which the command line reads "exec::java" (note there is no need for mvn here as intelliJ understands its a maven target). Now, scroll down to find the before launch section, click the plus and add the command "compile". Now your configuration is complete and you should be able to run the application!