Manual Guidance

- SYNCLOUD (Ver 1.0 – 23/12/15) –

Team 2

20183848 김승진

20183856 임종승

20211109 배현우

This document is for how to use ‘SYNCLOUD’.

\*\* : With this mark, it is explanation for test circumstance

1) Installation (For server-side)

- Please visit our [GitHub repository](https://github.com/cokestrawberry/SYNCLOUD) (<https://github.com/cokestrawberry/SYNCLOUD>)

- Please download ‘v1.0’, our first release. Then, please unzip it.

2) Setting (For server-side / client-side both)

- Use case assume that there are 2 solitary devices.

(\*\* Only 1 device is fine)

- In one device, please run SYNCLOUD service.

- Server setting with ‘Intellij IDEA’ and ‘MySQL’

1. MySQL install

lite: <https://dev.mysql.com/downloads/mysql/>

init.: Set account and password to use for DB management

2. IntelliJ install

link: <https://www.jetbrains.com/idea/>

Load source code file after installation

3. connect MySQL and IntelliJ

Edit ./build/resources/main/application.yml file.

Spring: datasource: url = Enter the connection address of the installed DB

Spring: datasource: username = Enter DB account

Spring: datasource: password = Enter DB account password

Jpa: hibernate: ddl-auto = (At initial startup) create / (after) validate

4. Build Test

./build.gradle

Gradle file build

- Then, with another device, access to service.

(\*\* Run with localhost, connect to ‘127.0.0.1:port/directory’)

- If you have, please use audio interface. If not, you can also use SYNCLOUD but quality of sound will not guaranteed.

- In case of using Apple device (Mac/MacBook, iPad, etc.), your recording will sound weird because of device’s EQ pre-set.

- With any input type, please maintain appropriate gain and input levels. (Suggestion is higher than 40%.)

3) Usage of service (For client-side)

3-1) Search soundtracks

- When you access to website, you can see workspace page.

- In above, you can find ‘search’ tab on banner. Please click it.

- After you move to search page, please enter what to search.

(It can be song name / singer name with session as option.)

- As a result of search, you can get list of soundtracks.

- By press ‘Add’ button, you can add those soundtracks to your workspace.

3-2) Workspace (For client-side)

- After adding some soundtracks at search page, you can check that at workspace page.

- For each card contents(soundtrack), you can control volume of sound first.

- Then you can start recording your play.

- There 3 control buttons. (play / stop / record). You can freely combine various soundtracks for your own new song and play with it.

- After recording, you can download audio file to your device

3-3) Upload your recording (For client-side)

- After you record your play, press upload button on banner.

- If then, pop-up page appears and basic information will be inserted in empty boxes (song name, singer, BPM, etc.). You also can fill in on your own.

- Finishing with fill in the blank, just upload your audio file.