# UCSF JSON data parsing project document

1. Intruduction
2. System requirement

Java: 1.7+

Database: Mysql

Other tools: Maven 3+

1. Configuration
2. Open …/src/main/resources/application.properties and set the database variables in your local environment.
3. Make sure you have a running Mysql database in your local environment.
4. Make sure you have Maven installed in your local environment.
5. Make sure no other processes are using port 8080.
6. Run the program
7. Open command prompt
8. Go to the project root folder
9. Run command >mvn sprint-boot:run
10. How it works
11. Visit <http://localhost:8080/index.html>
12. Upload a JSON file exported from <https://www.clinicaltrialsmatch.org/v5/nonsmallcelllungcancer.html?f=VA>
13. Get trials and profile based on profile id, call [http://localhost:8080/profile/{id}/trials](http://localhost:8080/profile/%7bid%7d/trials), replace the path variable {id} with actual profile id.
14. Get all profiles call <http://localhost:8080/profiles>
15. Get all trials, call http://localhost:8080/trials