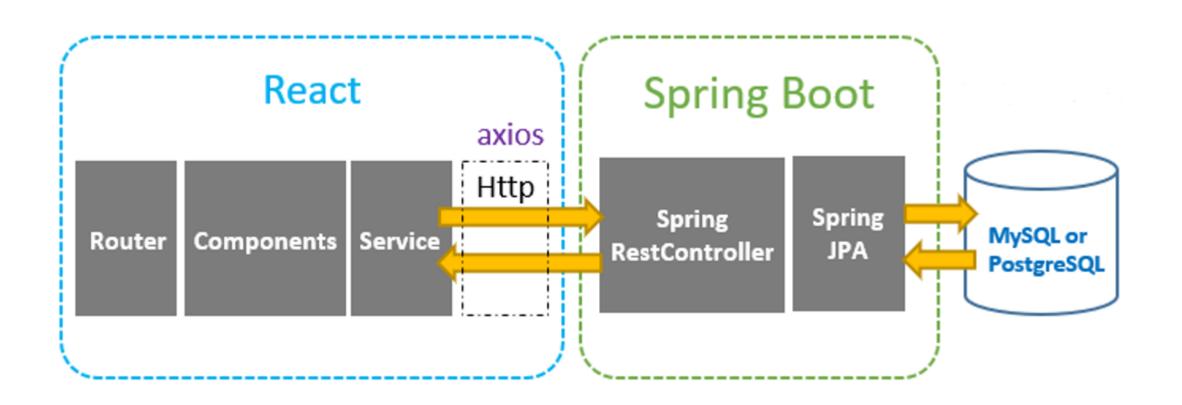
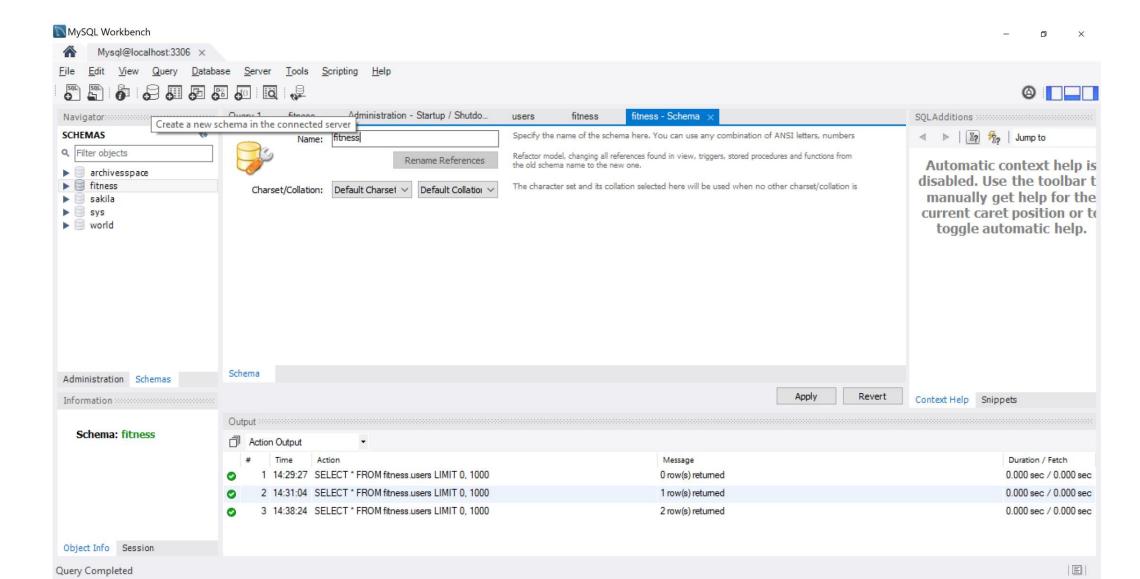
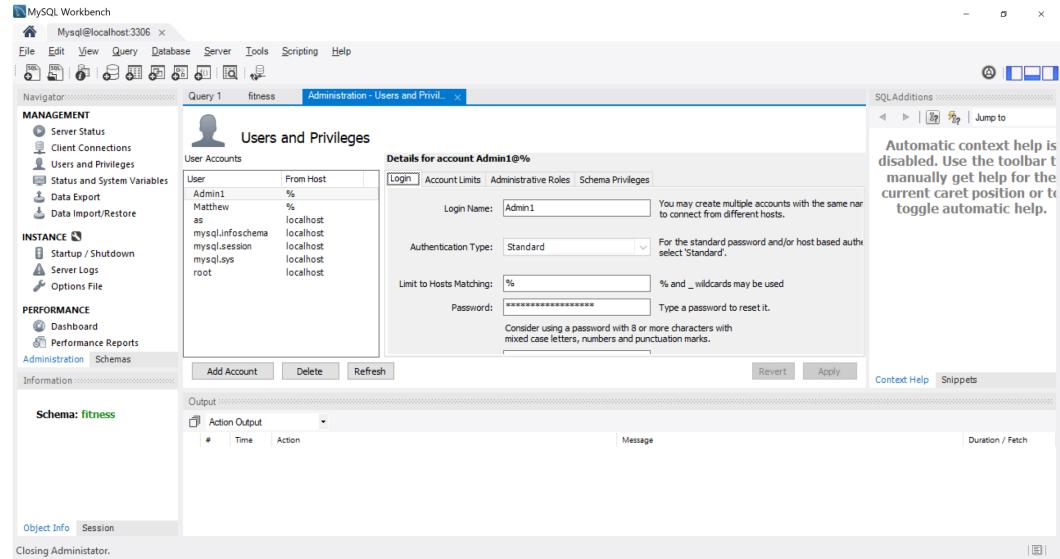
MyHealthy API Layout



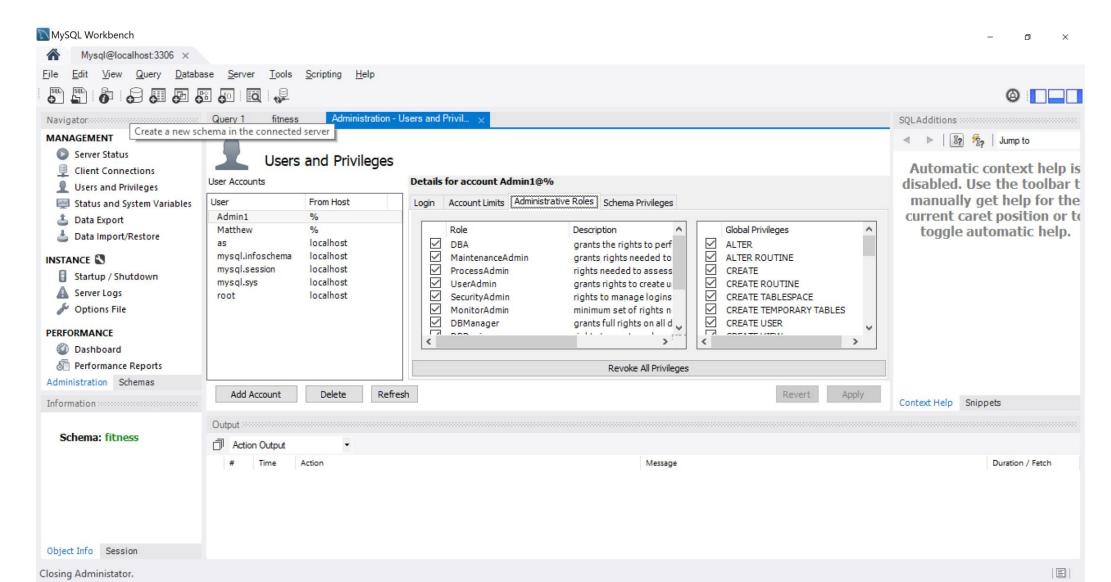
Create the "fitness" database



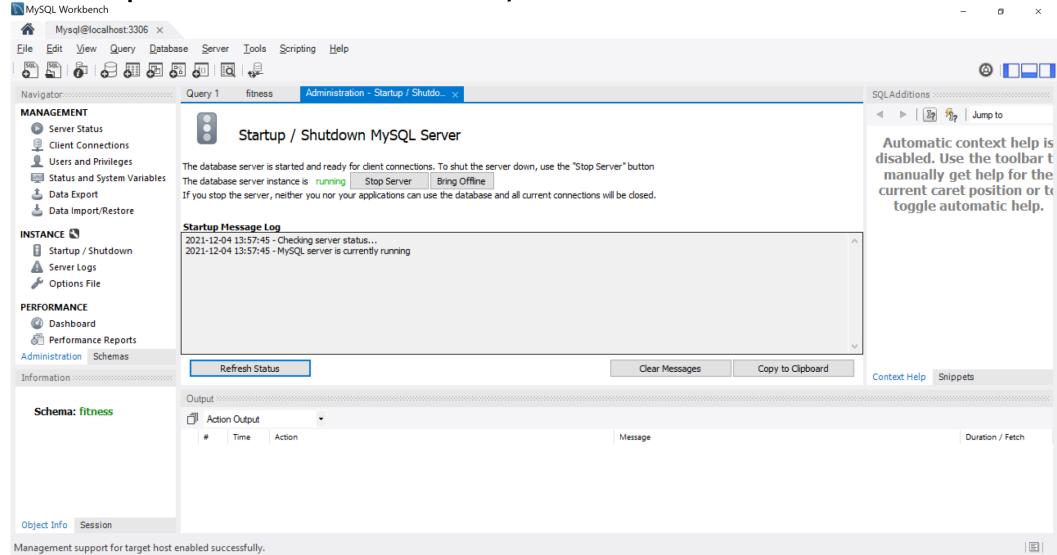
Create an account with username Admin1 and password Admin1PW!



DBA admin rights to the Admin1 user account



Make sure MySQL Server is running (use the Startup/Shutdown tab)



Build with ./mvnw clean package. Make sure JAVA_HOME environment variable is jdk(not jre)

```
C:\Users\mathe\Documents\CSE2410\group project\group project>env | grep -i JAVA HOME
JAVA HOME=C:\Users\mathe\Downloads\openjdk-17.0.1 windows-x64 bin\jdk-17.0.1
C:\Users\mathe\Documents\CSE2410\group_project\group_project>.\mvnw clean package
 INFO] Scanning for projects...
      ------ edu.fit.cse2410:group project >------
      Building group_project 0.0.1-SNAPSHOT
      -----[ jar ]-----
      --- maven-clean-plugin:3.1.0:clean (default-clean) @ group_project ---
     Deleting C:\Users\mathe\Documents\CSE2410\group_project\group_project\target
      --- maven-resources-plugin:3.2.0:resources (default-resources) @ group_project ---
  [NFO] Using 'UTF-8' encoding to copy filtered resources.
 [NFO] Using 'UTF-8' encoding to copy filtered properties files.
     Copying 1 resource
      Copying 0 resource
      --- maven-compiler-plugin:3.8.1:compile (default-compile) @ group_project ---
      Changes detected - recompiling the module!
      Compiling 4 source files to C:\Users\mathe\Documents\CSE2410\group project\group project\target\classes
      --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ group project ---
 INFO] Using 'UTF-8' encoding to copy filtered resources.
 INFO] Using 'UTF-8' encoding to copy filtered properties files.
 INFO] skip non existing resourceDirectory C:\Users\mathe\Documents\CSE2410\group_project\group_project\src\test\resourc
      --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ group_project ---
     No sources to compile
      --- maven-surefire-plugin:2.22.2:test (default-test) @ group_project ---
      No tests to run.
      --- maven-jar-plugin:3.2.0:jar (default-jar) @ group_project ---
  NFO] Building jar: C:\Users\mathe\Documents\CSE2410\group project\group project\target\group project-0.0.1-SNAPSHOT.ja
      --- spring-boot-maven-plugin:2.6.1:repackage (repackage) @ group project ---
     Replacing main artifact with repackaged archive
      Total time: 3.497 s
      Finished at: 2021-12-04T14:05:21-05:00
 ::\Users\mathe\Documents\CSE2410\group project\group project>_
```

Run Spring service with .\mvnw spring-boot:run

```
\Users\mathe\Documents\CSE2410\group_project\group_project>.\mvnw spring-boot:run
       ------ edu.fit.cse2410:group project >------
      Building group_project 0.0.1-SNAPSHOT
       -----[ jar ]------
      >>> spring-boot-maven-plugin:2.6.1:run (default-cli) > test-compile @ group_project >>>
       --- maven-resources-plugin:3.2.0:resources (default-resources) @ group_project ---
      Using 'UTF-8' encoding to copy filtered resources.
      Using 'UTF-8' encoding to copy filtered properties files.
     Copying 1 resource
      Copying 0 resource
       --- maven-compiler-plugin:3.8.1:compile (default-compile) @ group_project ---
      Nothing to compile - all classes are up to date
      --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ group project ---
      Using 'UTF-8' encoding to copy filtered resources.
      Using 'UTF-8' encoding to copy filtered properties files.
      skip non existing resourceDirectory C:\Users\mathe\Documents\CSE2410\group_project\group_project\src\test\resources
       --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ group_project ---
      No sources to compile
      <<< spring-boot-maven-plugin:2.6.1:run (default-cli) < test-compile @ group_project <<<</pre>
       --- spring-boot-maven-plugin:2.6.1:run (default-cli) @ group_project ---
     ] Attaching agents: []
   Spring Boot ::
                                                   main] e.f.c.g.FitnessDBApplication
2021-12-04 14:08:00.556 INFO 24716 --- [
                                                                                                   : Starting FitnessDBApplication using Java 17.0.1 on DESKTOP-TQMMOGC with PID 24716 (C:\Users\mathe\Documents
\CSE2410\group_project\group_project\target\classes started by mathe in C:\Users\mathe\Documents\CSE2410\group_project\group_project)
                                                                                                  : No active profile set, falling back to default profiles: default
2021-12-04 14:08:00.559 INFO 24716 ---
                                                   main] e.f.c.g.FitnessDBApplication
                                                   main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2021-12-04 14:08:01.076 INFO 24716 ---
2021-12-04 14:08:01.117 INFO 24716 ---
                                                   main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 34 ms. Found 1 JPA repository interfaces.
                                                   main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
2021-12-04 14:08:01.601 INFO 24716 ---
2021-12-04 14:08:01.610 INFO 24716 ---
                                                   main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2021-12-04 14:08:01.611 INFO 24716 ---
                                                   main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.55]
                                                   main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 1120 ms
2021-12-04 14:08:01.730 INFO 24716 ---
2021-12-04 14:08:01.730 INFO 24716 ---
2021-12-04 14:08:01.897 INFO 24716 ---
                                                   main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2021-12-04 14:08:01.945 INFO 24716 ---
                                                   main] org.hibernate.Version
                                                                                                   HHH000412: Hibernate ORM core version 5.6.1.Final
2021-12-04 14:08:02.082 INFO 24716 ---
                                                   main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}
2021-12-04 14:08:02.174 INFO 24716 ---
                                                   main] com.zaxxer.hikari.HikariDataSource
                                                                                                   : HikariPool-1 - Starting...
2021-12-04 14:08:02.340 INFO 24716 ---
                                                   main] com.zaxxer.hikari.HikariDataSource
                                                                                                   : HikariPool-1 - Start completed.
2021-12-04 14:08:02.355 INFO 24716 ---
                                                   main] org.hibernate.dialect.Dialect
                                                                                                    HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
                                                   main] o.h.e.t.j.p.i.JtaPlatformInitiator
2021-12-04 14:08:03.050 INFO 24716 --- [
                                                                                                  : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaP
latform]
2021-12-04 14:08:03.061 INFO 24716 --- [
                                                   main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2021-12-04 14:08:03.291 WARN 24716 --- [
                                                   main] JpaBaseConfiguration$JpaWebConfiguration: spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view ren
dering. Explicitly configure spring.jpa.open-in-view to disable this warning
2021-12-04 14:08:03.555 INFO 24716 ---
                                                   main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
 021-12-04 14:08:03.563 INFO 24716 ---
                                                   main] e.f.c.g.FitnessDBApplication
                                                                                                  : Started FitnessDBApplication in 3.382 seconds (JVM running for 3.733)
```

Curl script (grp_prj_test.bat) for testing

```
C:\Users\mathe\Documents\CSE2410\group project\group project\group proj test.bat - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window?
🔚 grp proj test.bat 🔀
  1 curl -X POST -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/addUsername/%2
  3 curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers
  5 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateUsername/%1/%3
  7 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updatePassword/%1/%4
  9 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateEmail/%1/%5
 11 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateAge/%1/%6
 13 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateHeight/%1/%7
 15 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateCurrentWeight/%1/%8
 17 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalWeight/%1/%9
 19 shift
 21 curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalSteps/%0/%9
 23 curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/%0
Batch file
                                   length: 1,183 lines: 24
                                                               Ln:18 Col:1 Pos:969
                                                                                                Windows (CR LF)
                                                                                                                            IN
```

Stop Service with Control C when done

```
Using 'UTF-8' encoding to copy filtered resources.
      Using 'UTF-8' encoding to copy filtered properties files.
       Copying 1 resource
       Copying 0 resource
        -- maven-compiler-plugin:3.8.1:compile (default-compile) @ group_project ---
       Nothing to compile - all classes are up to date
        --- maven-resources-plugin:3.2.0:testResources (default-testResources) @ group_project ---
       Using 'UTF-8' encoding to copy filtered resources.
       Using 'UTF-8' encoding to copy filtered properties files.
       skip non existing resourceDirectory C:\Users\mathe\Documents\CSE2410\group_project\group_project\src\test\resources
       --- maven-compiler-plugin:3.8.1:testCompile (default-testCompile) @ group_project ---
       No sources to compile
       <<< spring-boot-maven-plugin:2.6.1:run (default-cli) < test-compile @ group_project <<<</pre>
       --- spring-boot-maven-plugin:2.6.1:run (default-cli) @ group_project ---
      Attaching agents: []
   Spring Boot ::
 021-12-04 14:27:36.255 INFO 22036 --- [
                                                     main] e.f.c.g.FitnessDBApplication
                                                                                                      : Starting FitnessDBApplication using Java 17.0.1 on DESKTOP-TQMMOGC with PID 22036 (C:\Users\mathe\Documents
 CSE2410\group_project\group_project\target\classes started by mathe in C:\Users\mathe\Documents\CSE2410\group_project\group_project\
2021-12-04 14:27:36.257 INFO 22036 ---
                                                     main] e.f.c.g.FitnessDBApplication
                                                                                                      : No active profile set, falling back to default profiles: default
                                                     main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2021-12-04 14:27:36.783 INFO 22036 ---
2021-12-04 14:27:36.827 INFO 22036 ---
                                                     main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 36 ms. Found 1 JPA repository interfaces.
                                                     main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)
 021-12-04 14:27:37.317 INFO 22036 ---
2021-12-04 14:27:37.326 INFO 22036 ---
                                                     main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2021-12-04 14:27:37.326 INFO 22036 ---
                                                    main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/9.0.55]
main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContr
2021-12-04 14:27:37.428 INFO 22036 ---
                                                                                                    : Initializing Spring embedded WebApplicationContext
2021-12-04 14:27:37.428 INFO 22036 ---
                                                     main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 1116 ms
2021-12-04 14:27:37.585 INFO 22036 ---
                                                     main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2021-12-04 14:27:37.630 INFO 22036 ---
                                                     main] org.hibernate.Version
                                                                                                     : HHH000412: Hibernate ORM core version 5.6.1. Final
2021-12-04 14:27:37.764 INFO 22036 ---
                                                     main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.1.2.Final}
2021-12-04 14:27:37.853 INFO 22036 ---
                                                     main] com.zaxxer.hikari.HikariDataSource
                                                                                                      : HikariPool-1 - Starting...
2021-12-04 14:27:38.024 INFO 22036 ---
                                                     main] com.zaxxer.hikari.HikariDataSource
                                                                                                      : HikariPool-1 - Start completed.
2021-12-04 14:27:38.040 INFO 22036 ---
                                                     main] org.hibernate.dialect.Dialect
                                                                                                      : HHH000400: Using dialect: org.hibernate.dialect.MySQL8Dialect
2021-12-04 14:27:38.728 INFO 22036 ---
                                                     main] o.h.e.t.j.p.i.JtaPlatformInitiator
                                                                                                      : HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaP
latform]
2021-12-04 14:27:38.735 INFO 22036 --- [
                                                     main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2021-12-04 14:27:38.943 WARN 22036 ---
                                                     main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view ren
dering. Explicitly configure spring.jpa.open-in-view to disable this warning
2021-12-04 14:27:39.205 INFO 22036 --- [
                                                    main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path '
2021-12-04 14:27:39.211 INFO 22036 ---
                                                     main] e.f.c.g.FitnessDBApplication
                                                                                                      : Started FitnessDBApplication in 3.334 seconds (JVM running for 3.669)
2021-12-04 14:27:45.913 INFO 22036 --- [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default 2021-12-04 14:27:45.915 INFO 22036 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Shutdown initiated...
                                                                                                      : HikariPool-1 - Shutdown completed.
 1821-12-04 14:27:45.925 INFO 22036 --- [ionShutdownHook] com.zaxxer.hikari.HikariDataSource
       Total time: 12.004 s
      Finished at: 2021-12-04T14:27:45-05:00
  rminate batch job (Y/N)? y
  \Users\mathe\Documents\CSE2410\group_project\group_project>
```

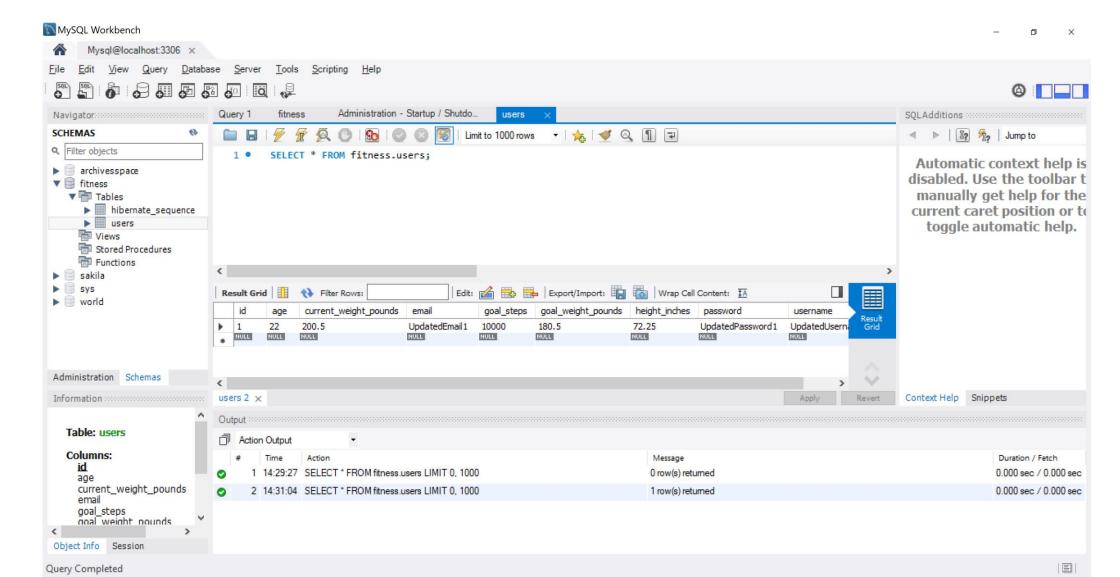
Curl script command for adding a user to the database

```
Command Prompt
C:\Users\mathe\Documents\CSE2410\group project\group project>grp proj test.bat 1 Username1 UpdatedUsername1 UpdatedPassword1 UpdatedEmail1 22 72.25 200.5 180.5 10000
C:\Users\mathe\Documents\CSE2410\group_project\group_project>curl -X POST -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/addUsername/Username1
{"id":1,"username":"Username1","password":"12345","email":"","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers
[{"id":1,"username":"Username1","password":"12345","email":"","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}]
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateUsername/1/UpdatedUsername1
{"id":1,"username":"UpdatedUsername1","password":"12345","email":"","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updatePassword/1/UpdatedPassword/
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateEmail/1/UpdatedEmail1
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":-1,"height inches":-1.0,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group_project\group_project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateAge/1/22
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":22,"height inches":-1.0,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group_project\group_project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateHeight/1/72.25
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":22,"height inches":72.25,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateCurrentWeight/1/200.5
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":22,"height_inches":72.25,"current_weight_pounds":200.5,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalWeight/1/180.5
{"id":1,"username":"UpdatedUsername1", password":"UpdatedPassword1", email":"UpdatedEmail1", age":22, height_inches":72.25, "current_weight_pounds":200.5, "goal_weight_pounds":180.5, "goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>shift
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalSteps/1/10000
{"id":1, "username": "UpdatedUsername1", "password": "UpdatedPassword1", "email": "UpdatedEmail1", "age":22, "height inches":72.25, "current weight pounds":200.5, "goal weight pounds":180.5, "goal steps":10000}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/1
{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":22,"height inches":72.25,"current weight pounds":200.5,"goal weight pounds":180.5,"goal steps":10000}
C:\Users\mathe\Documents\CSE2410\group_project\group_project>_
```

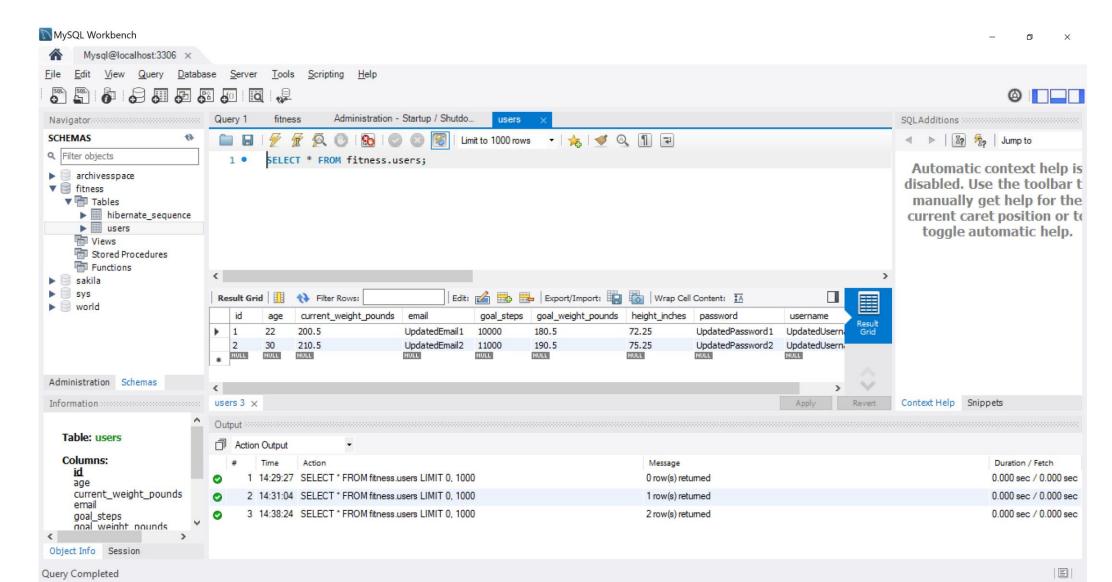
Curl script command to add a 2nd user to the database

```
Command Prompt
C:\Users\mathe\Documents\CSE2410\group project\group project>grp proj test.bat 2 Username2 UpdatedUsername2 UpdatedPassword2 UpdatedEmail2 30 75.25 210.5 190.5 11000
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X POST -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/addUsername/Username2
{"id":2,"username":"Username2","password":"12345","email":"","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers
[{"id":1,"username":"UpdatedUsername1","password":"UpdatedPassword1","email":"UpdatedEmail1","age":22,"height_inches":72.25,"current_weight_pounds":200.5,"goal_weight_pounds":180.5,"goal_steps":10000},{"id
":2,"username":"Username2","password":"12345","email":"","age":-1,"height inches":-1.0,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}]
C:\Users\mathe\Documents\CSE2410\group_project\group_project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateUsername/2/UpdatedUsername2
{"id":2,"username":"UpdatedUsername2","password":"12345","email":"","age":-1,"height inches":-1.0,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updatePassword/2/UpdatedPassword2
{"id":2,"username":"UpdatedUsername2", "password":"UpdatedPassword2", "email":"", "age":-1, "height_inches":-1.0, "current_weight_pounds":-1.0, "goal_weight_pounds":-1.0, "goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateEmail/2/UpdatedEmail2
{"id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":-1,"height_inches":-1.0,"current_weight_pounds":-1.0,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateAge/2/30
{"id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height inches":-1.0,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateHeight/2/75.25
{"id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height inches":75.25,"current weight pounds":-1.0,"goal weight pounds":-1.0,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group_project\group_project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateCurrentWeight/2/210.5
{"id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height_inches":75.25,"current_weight_pounds":210.5,"goal_weight_pounds":-1.0,"goal_steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalWeight/2/190.5
{"id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height inches":75.25,"current weight pounds":210.5,"goal weight pounds":190.5,"goal steps":-1}
C:\Users\mathe\Documents\CSE2410\group project\group project>shift
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X PUT -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/updateGoalSteps/2/11000
("id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height inches":75.25,"current weight pounds":210.5,"goal weight pounds":190.5,"goal steps":11000
C:\Users\mathe\Documents\CSE2410\group project\group project>curl -X GET -H "Content-Type: application/json" http://localhost:8080/api/fitnessUsers/2
("id":2,"username":"UpdatedUsername2","password":"UpdatedPassword2","email":"UpdatedEmail2","age":30,"height_inches":75.25,"current_weight_pounds":210.5,"goal_weight_pounds":190.5,"goal_steps":11000
C:\Users\mathe\Documents\CSE2410\group project\group project>_
```

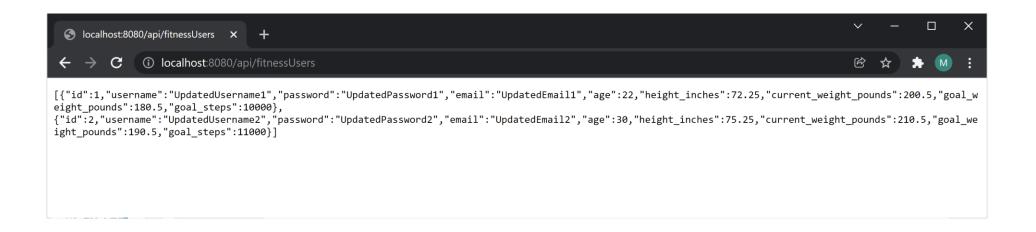
Database in MySQL with 1 user



Database in MySQL with multiple users



Localhost webservice with database in JSON





Back-end code on IntelliJ

