

CEN3024C Module 2 Project

This project contains a partial implementation of a Spring Data JPA-based PizzaRestaurant application which accesses a PostgreSQL database table containing several pizzas, then displays the data.

You will need to create the database before executing the program; verify the data source for the application is configured properly. You will examples for calling various SQL scripts in the pizza.bat file, adjusting your password as necessary to avoid password interaction when the commands are executed. The sql scripts provided in the db folder perform the following functions:

- **pizza_create.sql** script will create the PostgreSQL database.
- **pizza.sql** will create the pizza table.
- **pizza_drop.sql** will drop the database if you need to execute the create script again.

To run the project you will need to make the following changes:

- Create the following fields in the Pizza class:

```
size (String)
price (BigDecimal)
updatedAt (LocalDateTime)
```

Add getters for each field.

- Modify the System.out.println call in the PizzaController class to also display the size and prices of the pizzas.
- In the PizzaRepository.java file, declare a public interface named PizzaRepository which extends JpaRepository (generic parameter types are Pizza and Long).
- Declare the PizzaRestaurantApplication class to extend the Spring CommandLineRunnerinterface [\(API page here\)](#), then override the run method to call the following:

```
pizzaController.displayAllPizzas();
```

Expected output (buried in the log file):

Pizza ID: 1, Flavor: Cheese, Size: Medium, Price: 10.99

Pizza ID: 2, Flavor: Pepperoni, Size: Large, Price: 12.99