

Summary

Create an Api rest that allows us to order the "pilotes" of the great Miquel Montoro.

"Pilotes" are a Majorcan recipe that consisting of a meatball stew.

Technical requirements

- Use the base project: <https://github.com/tuimm/backend-technical-test-v2>
- The base project uses lombok, so you have to install it. You can use the following guide <https://www.baeldung.com/lombok-ide>
- The API must be REST API
- You must use an in-memory database, such as H2 or similar.
- You are completely free to update the versions of the dependencies, add new dependencies, use a different java jdk, etc...

Description

At minimum, the following operations should be implemented:

- **Create** a "pilotes" order, choosing between 5, 10 or 15 "pilotes".
- During the 5 minutes following the creation of the order it will be allowed to **update** the order data, after that time it will not be possible to modify any data of the order because Miquel will be occupied cooking the "pilotes".
- **Search** orders by customer data, allowing partial searches, e.g. all orders of customers whose name contains an a in their name.

Considerations

The data model to be used is completely free, but as a minimum it must contain the following data:

- Basic Client info:
 - ◆ First and last name
 - ◆ Telephone number
- Basic Order info:
 - ◆ Order number
 - ◆ Delivery address
 - ◆ Number of "pilotes"
 - ◆ Order total

All types of data used must be validated, for example, if you use an email when placing the order, we must validate that the format of the email is valid.

Asynchronously, the creation of orders must be notified so that Miquel can start cooking the yummy “pilotes”.

The **search** operation must be secured, you must check that the user is allowed to use the **search**. All other operations are public and should not be secured.

The estimated time for this test is 4h but you are free to use as much time as you need.